2010 Annual Pretreatment Program Sludge Analysis (QUARTERLY SLUDGE PROJECT)

SOUTH BAY WATER RECLAMATION PLANT Order No. 2006-067 NPDES Permit No.CA0109045

The Quarterly Sludge Project is part of the South Bay WRP NPDES (Permit No. CA0109045/Order No. 2006-067) monitoring requirements for the Metropolitan Sewerage System. The sampling plan is designed so as to provide a "snapshot" of all of the physical and chemical characteristics monitored of the wastewater treatment waste streams for a short interval of time (1-2 days). This is conducted quarterly.

The Quarterly Sludge Project was conducted four times during 2010. Sampling occurred on February 2, May 4, August 3, and October 5. Monthly composite samples of MBC dewatered sludge (belt-press dewatered) during the respective calendar months were taken and analyzed for a similar suite of parameters. The tables showing the results of these analyses follow in this section. Results relative to the Pt. Loma WWTP or North City Water Reclamation Plant are in the respective annual reports for those facilities.

Abbreviations:

SB_INF_02	SBWRP influent
SB_OUTFALL_01	SBWRP effluent
SB_ITP_COMB_EFF	SBWRP & IWTP combined effluent
SB_REC_WATER_34	SBWRP reclaim water
SB_PRIEFF_10	Primary Effluent
SB_SEC_EFF_29	Secondary effluent
SB_RSL_10	Primary Sed Tank to Sludge Line

^{*} pH, Grease & Oils, temperature, and conductivity are determined from grab samples.

Annual 2010

Source: Date:			INFLUENT 02-FEB-2010	INFLUENT 04-MAY-2010	INFLUENT 02-AUG-2010	INFLUENT 05-OCT-2010
Date.	MDL	Units	02 FEB 2010	04 MAI 2010	02 AUG 2010	03 001 2010
Aluminum	47	UG/L	1300	618	380	1260
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	. 4	UG/L	1.22	0.87	ND	ND
Barium		UG/L	97.8	63.4	76.8	77.8
Beryllium		UG/L	ND	ND	ND	ND
Boron	7	UG/L	347	306	325	260
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	3.5	1.5	2.2	3.0
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	73.4	31.7	57.1	63.8
Iron	37	UG/L	623	255	282	602
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	59.1	59.3	43.8	40.2
Mercury	.09	UG/L	0.309	ND	ND	0.069^
Molybdenum	.89	UG/L	5.6	5.5	5.4	4.6
Nickel	.53 .28	UG/L UG/L	5.8	4.1	4.7	4.9
Selenium Silver	.4	UG/L UG/L	1.83	1.18 ND	1.07 ND	ND 0.6
Thallium	3.9	UG/L UG/L	ND	ND ND	ND ND	ND
Vanadium	.64	UG/L	3.03	1.39	1.38	1.10
Zinc	2.5	UG/L	153	62.5	82.6	143.0
						143.0
Calcium Hardness	.1	MG/L	202	171	189	166
Magnesium Hardness	. 4	MG/L	146	121	131	125
Total Hardness	. 4	MG/L	348	291	320	2.91
Total Alkalinity (bicarbonate)		MG/L	333	382	303	315
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Calcium	.04	MG/L	80.8	68.3	75.6	66.4
Lithium	.002	MG/L	0.037	0.029	0.041	0.032
Magnesium	.1	MG/L	35.5	29.3	31.9	30.4
Potassium	.3	MG/L	22.0	20.9	19.8	20.6
Sodium	1	MG/L	218	178	178	191
Bromide	.1	==== MG/L	0.41	0.60	0.34	0.18
Chloride	7	MG/L	242	218	231	221
Fluoride	.05	MG/L	0.68	0.61	0.52	0.30
Nitrate	.04	MG/L	0.13	0.28	0.28	0.18
Ortho Phosphate	.2	MG/L	14.0	15.6	12.7	10.3
Sulfate	9	MG/L	186	134	165	139
Cyanides, Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	406	429	348	384
На		PH	8.2	7.4	7.1	7.4
Settleable Solids	.1	ML/L	14.0	20.0	9.0*	12.5
Turbidity	.13	NTU	134	191	124	152
Total Kjeldahl Nitrogen	1.6	MG/L	50.2	58.6	54.3	47.5
Ammonia-N	.3	MG/L	32.7	47.0	30.8	30.9
Sulfides-Total	.18	MG/L	11.3	11.2	4.86	10.7
Total Suspended Solids	1.4	MG/L	266	458	180	308
Volatile Suspended Solids	1.6	MG/L	234	389	156	276
Total Dissolved Solids	28	MG/L	1140	974	901	972
MBAS (Surfactants)	.03	MG/L	16.0	13.0	12.0	15.0

[^] MDL= 0.005

ND= Not Detected

^{*} Sample date 03-AUG-2010

Annual 2010

Source:			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date:			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-0CT-2010
	MDL	Units				
=======================================	====	====	========	========	========	========
Aluminum	47	UG/L	135	115	342	131
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.79	0.79	0.56	0.49
Barium	.039	UG/L	68.3	52.1	48.1	46.6
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	361	369	334	194
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	<1.2	2.1	ND	1.5
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	11.4	12.5	12.3	13.8
Iron	37	UG/L	103	95	<37	95
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	40.1	29.7	23.4	25.1
Mercury	.09	UG/L	ND	ND	ND	0.007
Molybdenum	.89	UG/L	3.3	6.4	3.0	3.0
Nickel	.53	UG/L	10.1	5.2	4.6	3.9
Selenium	.28	UG/L	0.85	0.63	0.64	0.53
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.31	1.12	1.17	<0.64
Zinc	2.5	UG/L	29.8	31.5	30.7	30.0
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Calcium Hardness	.1	MG/L	210	183	183	172
Magnesium Hardness	.4	MG/L	150	126	123	124
Total Hardness	.4	MG/L	360	308	305	296
Total Alkalinity (bicarbonate)		MG/L	177	159	155	156
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Calcium	.04	MG/L	84.0	73.1	73.1	68.8
Lithium 		MG/L	0.038	0.028	0.041	0.031
Magnesium	.1	MG/L	36.4	30.5	29.8	30.1
Potassium	.3	MG/L	19.8	19.8	21.4	19.2
Sodium	1	MG/L	219	201	182	192
Promido			0.45	0.52	0.26	0.26
Bromide Chloride	.1 7	MG/L	0.45	0.53	0.36	0.26 233
Fluoride	, .05	MG/L MG/L	251 0.71	251 0.67	229 0.59	0.53
Nitrate	.03	MG/L MG/L	25.5	28.7	26.2	25.2
Ortho Phosphate	.2	MG/L	4.7	9.0	10.4	4.3
Sulfate	9	MG/L	224	181	210	188
Cyanides, Total		MG/L	ND	ND	ND	ND
BOD	2	MG/L	13.8	9.8	8.0	6.9
pH	2	PH	7.3	7.5	7.2	7.5
Settleable Solids	.1	ML/L	ND	ND	ND	ND
Turbidity	.13	NTU	1.9	3.1	2.4	2.0
Total Kjeldahl Nitrogen	1.6	MG/L	4.7	2.3	2.4	3.5
Chlorine Residual, Total	.03	MG/L	0.06	0.12	0.12	0.07
Ammonia-N	.3	MG/L	1.7	ND	ND	ND
Sulfides-Total	.18	MG/L	ND	<0.18	ND	ND
Total Suspended Solids	1.4	MG/L	5.1	4.1	6.7	5.1
Volatile Suspended Solids	1.6	MG/L	4.4	3.3	4.0	4.0
Total Dissolved Solids	28	MG/L	1060	939	NR	861
MBAS (Surfactants)	.03	MG/L	0.19	0.19	0.16	0.17
(30 0000)		, _	0.17	0.15	0.10	J. 17

ND= Not Detected NR= Not Required

Annual 2010

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-0CT-2010
		Units				
Aluminum	47	UG/L	302	225	212	245
Antimony	2.9	UG/L	ND	ND	ND	ND.
Arsenic	.4	UG/L	1.83	1.77	2.46	2.46
Barium		UG/L	45.5	30.2	22.8	26.3
Beryllium		UG/L	ND	ND	ND	ND
Boron	7	UG/L	396	381	442	326
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	8.8	3.8	2.5	2.4
Cobalt	.85	UG/L	0.9	0.9	1.1	1.0
Copper	2	UG/L	33.8	30.1	31.8	42.7
Iron	37	UG/L	1890	2360	1820	2180
Lead	2	UG/L	ND	4.8	2.4	2.7
Manganese	.24	UG/L	66.1	70.4	81.2	79.8
Mercury	.09	UG/L	ND	ND	ND	0.017
Molybdenum	.89	UG/L	6.9	9.0	8.9	10.8
Nickel	.53	UG/L	26.5	12.3	12.2	25.6
Selenium	.28	UG/L	1.62	1.80	1.96	3.34
Silver	.4	UG/L	0.8	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	2.67	2.81	2.85	2.51
Zinc	2.5	UG/L	65.0	50.1	47.4	45.5
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Calcium Hardness	.1	MG/L	232	192	195	206
Magnesium Hardness	.4	MG/L	159	127	146	155
Total Hardness	.4	MG/L	391	319	341	361
Total Alkalinity (bicarbonate)	20	MG/L	306	306	318	336
	====	====	========	========	========	========
Calcium	.04	MG/L	92.8	76.8	77.9	82.7
Lithium	.002	MG/L	0.061	0.042	0.047	0.053
Magnesium	.1	MG/L	38.7	30.8	35.6	37.7
Potassium	.3	MG/L	23.2	23.1	24.7	24.2
Sodium	1	MG/L	265	236	269	277
	.1	==== MG/L	0.25	0.26	0.49	0.25
Bromide Chloride	. 1 7		0.35 298	0.36 272	0.48 351	0.35 348
Fluoride	, .05	MG/L MG/L	0.67	0.68	0.76	0.29
Nitrate	.03	MG/L MG/L	0.11	2.43	0.76	0.29
Ortho Phosphate	.04	MG/L MG/L	7.0	10.0	11.1	13.4
Sulfate	9	MG/L	343	246	259	274
		MG/L	0.002	0.003	0.005	0.036
Cyanides,Total BOD	2	MG/L	124	179	105	137
pH	2	PH	7.8	7.4	7.5	7.3
Settleable Solids	.1	ML/L	ND	0.5	0.8	3.5
			37.9	39.9		38.8
Turbidity Total Kjeldahl Nitrogen	.13 1.6	NTU MG/L	45.3	52.2	48.0 48.3	49.9
Chlorine Residual, Total	.03	MG/L	45.5 ND	ND	46.3 ND	49.9 ND
Ammonia-N	.3	MG/L	32.3	39.1	34.7	41.1
Sulfides-Total	.18	MG/L	ND	0.89	ND	0.24
Total Suspended Solids	1.4	MG/L	54.0	70.0	66.0	124.0
Volatile Suspended Solids	1.6	MG/L MG/L	50.0	48.0	50.0	119.0
Total Dissolved Solids	28	MG/L MG/L	1330	1100	1160	1230
MBAS (Surfactants)	.03	MG/L MG/L	13.0	17.0	13.0	13.0
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ND= Not Detected NR= Not Required

Annual 2010

Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Date:	MDI	11-24-	02-FEB-2010	04-MAY-2010	02-AUG-2010	05-0CT-2010
		Units	========	========	========	========
Aluminum	47	UG/L	626	748	394	525
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	1.04	0.96	0.49	0.58
Barium	.039	UG/L	82.1	65.9	69.0	62.8
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	340	230	317	104
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	10.3	2.9	2.5	2.5
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	45.2	43.6	49.5	40.0
Iron	37	UG/L	438	468	239	300
Lead	2	UG/L	ND	2.1	ND	ND
Manganese	.24	UG/L	55.0	56.1	37.2	37.1
Mercury	.09	UG/L	ND	ND	ND	0.019
Molybdenum	.89	UG/L	5.0	8.7	4.8	4.7
Nickel	.53	UG/L	12.5	5.2	4.1	5.0
Selenium	.28	UG/L	1.43	1.27	1.20	0.99
Silver	.4	UG/L	0.8	6.0	ND	0.7
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.38	1.46	1.40	1.02
Zinc	2.5	UG/L	76.5	96.5	71.5	81.2
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Calcium Hardness	.1	MG/L	207	173	182	171
Magnesium Hardness	.4	MG/L	153	121	124	128
Total Hardness	.4	MG/L	360	294	306	299
Total Alkalinity (bicarbonate)		MG/L	326	311	344	295
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Calcium	.04	MG/L	82.8	69.1	72.9	68.4
Lithium	.002	MG/L	0.037	0.029	0.041	0.032
Magnesium	.1	MG/L	37.1	29.5	30.1	31.1
Potassium	.3	MG/L	21.8	21.6	20.8	20.5
Sodium	1	MG/L	224	210	184	194
Bromide	.1	MG/L	0.44	0.46	0.30	0.17
Chloride	7	MG/L	262	247	234	237
Fluoride	.05	MG/L	0.71	0.69	0.54	0.34
Nitrate	.04	MG/L	0.18	0.31	0.14	0.05
Ortho Phosphate	.2	MG/L	11.0	11.5	13.9	13.6
Sulfate	9	MG/L	209	148	169	161
Cyanides, Total	-	MG/L	ND	ND	ND	ND
BOD	2	MG/L	208	276	174	197
pH	_	PH	7.6	7.7	7.0*	7.5
Settleable Solids	.1	ML/L	0.5	0.8	1.1*	1.0
Turbidity	.13	NTU	121	116	57.6	88.4
Total Kjeldahl Nitrogen	1.6	MG/L	45.4	45.2	53.4	54.4
Ammonia-N	.3	MG/L	28.3	26.0	43.9	35.5
Sulfides-Total	.18	MG/L	1.80	5.12	ND	2.14
Total Suspended Solids	1.4	MG/L	118	82.0	98.0	90.0
Volatile Suspended Solids	1.6	MG/L	102	68.0	82.0	62.5
Total Dissolved Solids	28	MG/L	1070	958	942	956
MBAS (Surfactants)	.03	MG/L	4.00	6.10	10.0	6.80
(541 140041105)		/ L	7.00	0.10	10.0	0.00

^{*} Sample date 03-AUG-2010

ND= Not Detected NR= Not Required

Annual 2010

Samaaa			CEC EEE	CEC EEE	656 555	656 555
Source: Date:			SEC_EFF 02-FEB-2010	SEC_EFF 04-MAY-2010	SEC_EFF 02-AUG-2010	SEC_EFF 05-0CT-2010
Date.	MDI	Units	02-FEB-2010	04-MAT-2010	02-AUG-2010	03-0C1-2010
=======================================			========	========	========	========
Aluminum	47	UG/L	138	116	121	136
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.79	0.66	0.42	0.58
Barium	.039	UG/L	66.7	50.7	54.2	47.4
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	369	362	347	110
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	ND	1.5	2.0
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	13.4	6.9	17.9	11.4
Iron	37	UG/L	87	93	42	61
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	32.4	34.0	19.3	23.1
Mercury	.09	UG/L	ND	ND	ND	0.007
Molybdenum	.89	UG/L	3.4	5.6	3.7	3.1
Nickel	.53	UG/L	10.7	3.8	3.2	5.2
Selenium	.28	UG/L	0.80	0.64	0.84	0.63
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9 .64	UG/L	ND 0.05	ND	ND	ND ND
Vanadium Zinc	2.5	UG/L UG/L	0.95 30.2	1.12 36.2	1.28 33.1	27.1
21110			50.2	30.2	55.1	27.1
Calcium Hardness	.1	MG/L	202	183	176	174
Magnesium Hardness	.4	MG/L	146	126	121	125
Total Hardness	.4	MG/L	348	309	297	298
Total Alkalinity (bicarbonate)		MG/L	166	160	154	156
		====	========	========	========	========
Calcium	.04	MG/L	80.7	73.2	70.6	69.5
Lithium	.002	MG/L	0.036	0.030	0.041	0.032
Magnesium	.1	MG/L	35.5	30.6	29.4	30.2
Potassium	.3	MG/L	18.8	19.8	19.9	19.3
Sodium	1	MG/L	213	202	180	193
			========	========	========	========
Bromide	.1	MG/L	0.45	0.49	0.34	0.32
Chloride	7	MG/L	249	251	217	236
Fluoride	.05	MG/L	0.73	0.61	0.63	0.62
Nitrate	.04	MG/L	27.20	27.60	23.90	24.60
Ortho Phosphate	.2	MG/L	3.6	9.8	12.1	4.4
Sulfate	9	MG/L	227	182 ND	202 0.002	190
Cyanides,Total BOD	2	MG/L	0.002 14.7		9.6	ND 12.9
	2	MG/L PH	7.3	6.6 7.4	7.2*	7.3
pH Settleable Solids	.1	ML/L	ND	V.4 ND	7.2* ND*	7.3 ND
Turbidity	.13	NTU	2.3	2.1	4.8	2.2
Total Kjeldahl Nitrogen	1.6	MG/L	3.5	2.2	3.2	3.4
Ammonia-N	.3	MG/L	0.6	ND	ND	ND
Sulfides-Total	.18	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	7.3	4.3	15.5	5.9
Volatile Suspended Solids	1.6	MG/L	6.2	3.3	13.5	4.8
Total Dissolved Solids	28	MG/L	971	907	924	912
MBAS (Surfactants)	.03	MG/L	0.22	0.20	0.22	0.13
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^{*} Sample date 03-AUG-2010

ND= Not Detected

NR= Not Required

Annual 2010

Source: Date:			RAW SLUDGE 02-FEB-2010	RAW SLUDGE 04-MAY-2010	RAW SLUDGE 03-AUG-2010	RAW SLUDGE 05-OCT-2010
		Units				
Aluminum	==== 47	UG/L	33200	52100	38700	4500
Antimony	2.9	UG/L	7.3	8.0	17.1	ND
Arsenic	.4	UG/L	11.6	2.05	1.57	16.0
Barium	.039	UG/L	942	1110	1270	236
Beryllium		UG/L	0.66	0.37	1.02	0.05
Boron	7	UG/L	349	406	406	128
Cadmium	.53	UG/L	4.4	4.8	5.8	ND
Chromium	1.2	UG/L	87.7	107	121	14.9
Cobalt	.85	UG/L	7.8	9.0	11.4	2.9
Copper	2	UG/L	1440	1660	2270	404
Iron	37	UG/L	21400	22700	28700	41800
Lead	2	UG/L	73.0	81.8	157	6.8
Manganese	.24	UG/L	518	670	560	317
Mercury	.09	UG/L	2.82	4.30	2.52	7.60
Molybdenum	.89	UG/L	56.5	216.0	91.9	18.0
Nickel	.53	UG/L	94.9	95.6	113.0	26.4
Selenium	.28	UG/L	ND	2.55	2.46	0.99
Silver	.4	UG/L	20.6	25.6	25.6	3.8
Thallium	3.9	UG/L	7.7	6.3	ND	ND
Vanadium	.64	UG/L	52.2	69.3	50.8	5.08
Zinc	2.5	UG/L	3390	4500	4210	373
Total Alkalinity (bicarbonate)	20	MG/L	815	737	863	848
Calcium	.04	==== MG/L	96.9	104.0	98.8	81.8
Lithium		MG/L	0.040	0.031	0.045	0.038
Magnesium	.1	MG/L	41.5	40.4	38.5	39.1
Potassium	.3	MG/L	36.7	36.7	36.0	32.5
Sodium	1	MG/L	210	208	188	200
======================================	.1	==== MG/L	0.40	0.58	ND	0.21
Chloride	. <u>1</u> 7	MG/L MG/L	260	264	ND 234	231
Fluoride	.05	MG/L	0.41	0.73	0.72	0.59
Nitrate	.04	MG/L	0.14	0.43	0.27	0.14
Ortho Phosphate	.2	MG/L	102	52.8	62.0	75.1
Sulfate	9	MG/L	77	66	72	57
Cyanides, Total	_	MG/L	0.004	0.002	0.003	ND
Total Kjeldahl Nitrogen	1.6	MG/L	347	430	1850	437
Sulfides-Total	.18	MG/L	57.0	58.1	58.6	36.5

ND= Not Detected NA= Not Analyzed NS= Not Sampled

Annual 2010

Source:			REC_WATER	REC_WATER	REC_WATER	REC_WATER
Date:			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-0CT-2010
		Units				
Aluminum	47	UG/L	126	103	321	144
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.89	0.74	0.63	<0.40
Barium		UG/L	67.8	52.4	47.4	49.4
Beryllium		UG/L	ND	32.4 ND	47.4 ND	49.4 ND
Boron	7	UG/L	359	361	361	117
Cadmium	, .53		ND	ND		
Chromium	1.2	UG/L UG/L	ND ND	3.7	ND <1.2	ND <1.2
				S.7 ND	VI.2	
Cobalt	.85	UG/L	ND			ND
Copper	2	UG/L	11.8	13.9	12.0	11.5
Iron	37	UG/L	94	120	<37	73
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	30.5	32.8	16.6	18.2
Mercury	.09	UG/L	ND	ND	ND	0.006
Molybdenum	.89	UG/L	3.2	6.4	3.2	3.2
Nickel	.53	UG/L	10.0	6.9	4.5	4.3
Selenium	.28	UG/L	0.82	0.68	0.67	0.44
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.36	<0.64	1.08	ND
Zinc	2.5	UG/L	29.0	29.1	31.9	27.8
Calcium Hardness	.1	MG/L	204	183	177	174
Magnesium Hardness	.4	MG/L	139	125	121	125
Total Hardness	.4	MG/L	343	308	298	299
Total Alkalinity (bicarbonate)		MG/L	187	160	141	163
======================================		====	=========	100		========
Calcium	.04	MG/L	81.6	73.4	71.0	69.5
Lithium		MG/L	0.037	0.030	0.042	0.034
Magnesium	.1	MG/L	33.8	30.4	29.3	30.3
Potassium	.3	MG/L	18.5	19.6	19.5	19.5
Sodium	1	MG/L	199	200	180	198
=======================================		•	========	========	========	========
Bromide	.1	MG/L	0.35	0.45	0.31	0.24
Chloride	7	MG/L	254	253	219	242
Fluoride	.05	MG/L	0.62	0.49	0.47	0.47
Nitrate	.04	MG/L	26.1	31.1	29.1	29.2
Ortho Phosphate	.2	MG/L	4.1	8.3	7.2	4.8
Sulfate	9	MG/L	233	186	217	194
Cyanides, Total	-	MG/L	0.002	0.002	0.003	0.004
BOD	2	MG/L	ND	ND	2.5	2.8
pH	2	PH	7.5	7.5	7.2*	7.5
Turbidity	.13	NTU	0.9	0.8	1.4	0.9
Total Kjeldahl Nitrogen	1.6	MG/L	3.5	1.8	2.0	2.2
Ammonia-N	.3	MG/L	2.4	ND	0.9	ND
Sulfides-Total	.18	MG/L	ND	ND ND	ND	ND ND
Total Suspended Solids	1.4	MG/L MG/L	1.5	ND ND	3.0	ND ND
Volatile Suspended Solids	1.6		ND	ND ND	1.8	ND ND
•		MG/L				
Total Dissolved Solids	28	MG/L	1060	920	930	912
MBAS (Surfactants)	.03	MG/L	0.21	0.20	0.17	0.11

^{*} Sample Date 03-AUG-2010 ND= Not Detected

NR= Not Required

SOUTH BAY WATER RECLAMATION PLANT Ammonia-Nitrogen and Total Cyanides

Annual 2010

Total Cyanide, MDL=0.002 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF	RSL
========	========					========
02-FEB-2010	ND	ND	0.002	ND	0.002	0.004
04-MAY-2010	ND	ND	0.003	ND	ND	0.002
02-AUG-2010	ND	NR	NR	ND	0.002	NR
03-AUG-2010	NR	ND	0.005	NR	NR	0.003
05-0CT-2010	ND	ND	0.036	ND	ND	ND
========	========					========
AVERAGE	ND	ND	0.012	ND	0.001	0.002

Ammonia as Nitrogen, MDL=0.3 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF
02-FEB-2010	32.7	1.74	32.3	28.3	0.6
04-MAY-2010	47.0	ND	39.1	26.0	ND
02-AUG-2010	30.8	NR	NR	43.9	ND
03-AUG-2010	NR	ND	34.7	NR	NR
05-OCT-2010	30.9	ND	41.1	35.5	ND
	========	========	========	========	========
AVERAGE	35.4	0.44	36.8	33.4	0.15

ND= Not Detected NR= Not Required NS= Not Sampled

SOUTH BAY WATER RECLAMATION PLANT Radioactivity

Annual 2010

Analyzed by: Test America Laboratories

Source				Gross Alpha Radiation	Gross Beta Radiation
	02-FEB-2010			3.3 ± 2.2	23.0 ± 4.7
	04-MAY-2010			1.0 ± 2.0	22.4 ± 5.5
INFLUENT	02-AUG-2010	P525067		4.3 ± 2.0	23.9 ± 5.2
	05-OCT-2010			4.1 ± 2.8	22.1 ± 6.4
			===		
INFLUENT	ANNUAL	AVERAGE		3.2 ± 2.3	22.9 ± 5.5
Source				Gross Alpha Radiation	Gross Beta Radiation
	02-FEB-2010			2.1 ± 2.2	22.0 ± 4.5
EFFLUENT	04-MAY-2010	P515506		2.0 ± 2.6	21.9 ± 6.2
EFFLUENT	03-AUG-2010	P525072		1.9 ± 1.5	25.5 ± 4.8
	05-OCT-2010			2.9 ± 2.8	28.3 ± 7.9
EFFLUENT			===	2.2 ± 2.3	24.4 ± 5.9
Source				Gross Alpha Radiation	Gross Beta Radiation
	02-FEB-2010			2.6 ± 3.3	25.4 ± 5.6
	04-MAY-2010	D515511		2.6 ± 3.3 -0.9 ± 2.0	23.4 ± 3.6 24.6 ± 6.4
COMB EFF		P525077		3.6 ± 1.9	19.9 ± 5.6
COMB EFF				3.2 ± 2.9	25.6 ± 7.0
			===		
COMB EFF	ANNUAL	AVERAGE		2.1 ± 2.5	23.9 ± 6.2
Source				Gross Alpha Radiation	Gross Beta Radiation
PRI EFF	02-FEB-2010		===	2.4 ± 2.5	25.3 ± 4.7
PRI EFF	04-MAY-2010			0.8 ± 1.8	26.8 ± 6.5
PRI EFF	02-AUG-2010			3.4 ± 1.6	22.6 ± 4.7
PRI EFF	05-0CT-2010			3.2 ± 3.0	21.6 ± 6.7
PRI EFF	ANNUAL		===	2.5 ± 2.2	24.1 ± 5.7
Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
				======================================	======================================
SEC EFF	02-FEB-2010			2.2 ± 2.0	21.1 ± 4.6
SEC EFF	04-MAY-2010	P515521		2.6 ± 2.5	16.4 ± 5.1
SEC EFF	02-AUG-2010	P525087		2.1 ± 1.4	20.4 ± 4.2
SEC EFF	05-OCT-2010			1.0 ± 2.4	20.0 ± 6.9
				2.0 ± 2.1	1.95 ± 5.2
Source				Gross Alpha Radiation	Gross Beta Radiation
			===		
	02-FEB-2010			3.5 ± 1.9	17.6 ± 4.3
	04-MAY-2010			-0.3 ± 2.2	17.5 ± 6.4
	02-AUG-2010			1.6 ± 1.1	20.2 ± 4.2
	05-0CT-2010			2.6 ± 3.0	22.0 ± 7.3
			===	1 0 + 2 1	
REC WATER	ANNUAL	AVERAGE		1.9 ± 2.1	19.3 ± 5.6

Units in picocuries/liter (pCi/L)

Annual 2010

			INFLUENT	INFLUENT 04-MAY-2010	INFLUENT	INFLUENT
Analyte	MDL	Units	P504507	P515501	P525067	P533616
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Beta isomer	3	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Delta isomer	3	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Gamma isomer	5	NG/L	ND ND	ND ND	ND ND	10
Alpha (cis) Chlordane	3	NG/L	ND.	ND ND	ND.	ND
Gamma (trans) Chlordane	4	NG/L	ND.	ND ND	ND.	ND
Alpha Chlordene	•	NG/L	NA NA	NA	NA NA	NA NA
Gamma Chlordene		NG/L	NA NA	NA NA	NA NA	NA NA
Cis Nonachlor	3	NG/L	ND.	ND.	ND.	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND.	ND
Alpha Endosulfan	4	NG/L	ND	ND.	ND.	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
0xychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	10
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
		=====	========	========	========	========
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	10

ND=not detected NA=not analyzed

Annual 2010

			EFFLUENT	EFFLUENT 04-MAY-2010	EFFLUENT	EFFLUENT
Analyte	MDL	Units	P504512	P515506	P525072	P533621
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Beta isomer	3	NG/L	ND ND	ND ND	ND	ND ND
BHC, Delta isomer	3	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Gamma isomer	5	NG/L	ND ND	ND ND	ND ND	ND ND
Alpha (cis) Chlordane	3	NG/L	ND.	ND ND	ND.	ND
Gamma (trans) Chlordane	4	NG/L	ND.	ND ND	ND ND	ND
Alpha Chlordene	•	NG/L	NA NA	NA	NA NA	NA NA
Gamma Chlordene		NG/L	NA NA	NA NA	NA NA	NA NA
Cis Nonachlor	3	NG/L	ND.	ND.	ND.	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND.	ND	ND.	ND
Beta Endosulfan	2	NG/L	ND	ND	ND.	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND.	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
0xychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.		NG/L	0	0	0	0
Polychlorinated biphenyls		NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
		=====	========			========
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0

ND=not detected NA=not analyzed

Annual 2010

			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Analyte	MDL	Units	P504517	04-MAY-2010 P515511	P525077	P533626
A1 do 2 o	====	=====		=========		========
Aldrin	7 7	NG/L	ND	ND	ND	ND ND
BHC, Alpha isomer	3	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Beta isomer	3	NG/L				ND ND
BHC, Delta isomer BHC, Gamma isomer	5	NG/L NG/L	ND ND	ND ND	ND ND	ND 6
Alpha (cis) Chlordane	3	NG/L	ND ND	ND ND	ND ND	ND
Gamma (trans) Chlordane	4	NG/L NG/L	ND ND	ND ND	ND ND	ND ND
Alpha Chlordene	4	NG/L	NA NA	NA NA	NA NA	NA NA
Gamma Chlordene		NG/L	NA NA	NA NA	NA NA	NA NA
Cis Nonachlor	3	NG/L	ND ND	ND.	ND ND	ND ND
Dieldrin	3	NG/L	ND ND	ND ND	ND ND	ND ND
Endosulfan Sulfate	6	NG/L	ND ND	ND ND	ND ND	ND ND
Alpha Endosulfan	4	NG/L	ND ND	ND ND	ND	ND ND
Beta Endosulfan	2	NG/L	ND ND	ND ND	ND ND	ND ND
Endrin	2	NG/L	ND ND	ND ND	ND ND	ND ND
Endrin aldehyde	9	NG/L	ND.	ND ND	ND ND	ND
Heptachlor	8	NG/L	ND.	ND ND	ND ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND.	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221		NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	6
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.		NG/L	0	0	0	0
Polychlorinated biphenyls		NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
Chlorinated Hydrocanhons		=====				
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	6

ND=not detected NA=not analyzed

Annual 2010

			PRI EFF	PRI EFF	PRI EFF	PRI EFF
				04-MAY-2010		
Analyte	MDL	Units	P504522	P515516	P525082	P533631
114.j.		=====			========	
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	6
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene	_	NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor 	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
0xychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016		NG/L	ND	ND	ND	ND
PCB 1221		NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242		NG/L	ND	ND	ND	ND
PCB 1248		NG/L	ND	ND	ND	ND
PCB 1254		NG/L	ND	ND	ND	ND
PCB 1260		NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
41 dada . Dd 41 dada	====	=====				
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	6
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.		NG/L	0	0	0	0
Polychlorinated biphenyls		NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
		=====				
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	6

ND=not detected NA=not analyzed

Annual 2010

			656 555	556 555	656 555	656 555
			SEC EFF	SEC EFF	SEC EFF	SEC EFF
A m = T · · th =	MDI	11-24-		04-MAY-2010		
Analyte	MDL	Units	P504527	P515521	P525087	P533636
Aldrin	==== 7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Beta isomer	3	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Delta isomer	3	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Gamma isomer	5	NG/L	ND ND	ND ND	ND ND	ND ND
Alpha (cis) Chlordane	3	NG/L	ND ND	ND ND	ND ND	ND ND
Gamma (trans) Chlordane	4	NG/L	ND ND	ND ND	ND ND	ND ND
Alpha Chlordene	4	NG/L	NA NA	NA NA	NA NA	NA NA
Gamma Chlordene		NG/L	NA NA	NA NA	NA NA	NA NA
Cis Nonachlor	3	NG/L	ND ND	ND.	ND ND	ND ND
Dieldrin	3	NG/L	ND ND	ND ND	ND ND	ND ND
Endosulfan Sulfate	6	NG/L	ND	ND ND	ND ND	ND
Alpha Endosulfan	4	NG/L	ND ND	ND ND	ND ND	ND ND
Beta Endosulfan	2	NG/L	ND ND	ND ND	ND ND	ND ND
Endrin	2	NG/L	ND ND	ND ND	ND ND	ND ND
Endrin aldehyde	9	NG/L	ND	ND ND	ND ND	ND ND
Heptachlor	8	NG/L	ND	ND	ND	ND ND
Heptachlor epoxide	4	NG/L	ND	ND ND	ND ND	ND
Methoxychlor	10	NG/L	ND	ND ND	ND ND	ND ND
Mirex	10	NG/L	ND ND	ND ND	ND	ND ND
o,p-DDD	4	NG/L	ND	ND ND	ND ND	ND
o,p-DDE	5	NG/L	ND	ND ND	ND ND	ND ND
o,p-DDT	3	NG/L	ND	ND ND	ND	ND ND
Oxychlordane	6	NG/L	ND	ND ND	ND ND	ND ND
PCB 1016		NG/L	ND	ND ND	ND ND	ND ND
PCB 1221		NG/L	ND	ND ND	ND ND	ND ND
PCB 1232	360	NG/L	ND.	ND ND	ND ND	ND
PCB 1242		NG/L	ND.	ND	ND.	ND
PCB 1248		NG/L	ND	ND	ND ND	ND ND
PCB 1254		NG/L	ND.	ND ND	ND ND	ND
PCB 1260		NG/L	ND.	ND	ND ND	ND
PCB 1262	930	NG/L	ND.	ND	ND ND	ND
p,p-DDD	3	NG/L	ND.	ND ND	ND ND	ND
p,p-DDE	4	NG/L	ND.	ND.	ND	ND
p,p-DDT	8	NG/L	ND.	ND.	ND	ND
Toxaphene	330	NG/L	ND.	ND.	ND	ND
Trans Nonachlor	5	NG/L	ND.	ND.	ND	ND
=======================================	====	=====	=========	=========	=========	========
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.		NG/L	0	0	0	0
Polychlorinated biphenyls		NG/L	0	0	ø	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
=======================================	====	=====	========	========	========	========
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0
•		-				

ND=not detected NA=not analyzed

Annual 2010

			RSL	RSL	RSL	RSL
Analyte	MDL	Units	02-FEB-2010 P504541	04-MAY-2010 P515533	03-AUG-2010 P525101	05-0CT-2010 P533648
=======================================				========		
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
0xychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016		NG/L	ND	ND	ND	ND
PCB 1221		NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242		NG/L	ND	ND	ND	ND
PCB 1248		NG/L	ND	ND	ND	ND
PCB 1254		NG/L	ND	ND	ND	ND
PCB 1260		NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
======================================	==== 7	HEFE	0	0	0	0
	7	NG/L NG/L	0	0	0	0
Hexachlorocyclohexanes DDT and derivatives	8	NG/L NG/L	0	0	0	0
Chlordane + related cmpds.	-	NG/L	0	0	0	0
Polychlorinated biphenyls	4000		0	0	0	0
Endosulfans	6	NG/L NG/L	0	0	0	0
Heptachlors	8	NG/L	9	9	9	0
-r	-	=====	========	========	========	=======
Chlorinated Hydrocarbons		NG/L	0	0	0	0

ND=not detected NA=not analyzed

Annual 2010

			REC_WATER	REC_WATER 04-MAY-2010	REC_WATER	REC_WATER
Analyte	MDL	Units	P504543	P515535	P525103	P533650
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Beta isomer	3	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Delta isomer	3	NG/L	ND ND	ND ND	ND ND	ND ND
BHC, Gamma isomer	5	NG/L	ND ND	ND ND	ND ND	ND
Alpha (cis) Chlordane	3	NG/L	ND.	ND ND	ND.	ND
Gamma (trans) Chlordane	4	NG/L	ND.	ND ND	ND.	ND
Alpha Chlordene	•	NG/L	NA NA	NA	NA NA	NA NA
Gamma Chlordene		NG/L	NA NA	NA NA	NA NA	NA NA
Cis Nonachlor	3	NG/L	ND.	ND.	ND.	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND.	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND.	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
0xychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5 ====	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	==== 7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
=======================================	====		========	========	========	========
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0

ND=not detected NA=not analyzed

SOUTH BAY WATER RECLAMATION PLANT Organophosphorus Pesticides EPA Method 614/622 (with additions)

Annual 2010

			INF	INF	EFF	EFF	COMB EFF
_		_			04-MAY-2010		
Analyte		Units	P515501	P533616	P515506	P533621	P515511
		=====		========	========		
Demeton 0		UG/L	ND	ND	ND	ND	ND
Demeton S		UG/L	ND	ND	ND	ND	ND
Diazinon		UG/L	ND	ND	ND	ND	ND
Guthion		UG/L	ND	ND	ND	ND	ND
Malathion		UG/L	ND	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND	ND
	===	=====	========	========	========		=======
Dichlorvos		UG/L	ND	ND	ND	ND	0.5
Dibrom		UG/L	ND	NR	ND	NR	ND
Ethoprop		UG/L	ND	NR	ND	NR	ND
Phorate		UG/L	ND	NR	ND	NR	ND
Sulfotepp	.04	UG/L	ND	NR	ND	NR	ND
Disulfoton	.02	UG/L	ND	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND	4.0
Ronnel	.03	UG/L	ND	NR	ND	NR	ND
TrichloroNRte	.04	UG/L	ND	NR	ND	NR	ND
Merphos	.09	UG/L	ND	NR	ND	NR	ND
Dichlofenthion	.03	UG/L	ND	NR	ND	NR	ND
Tokuthion	.06	UG/L	ND	NR	ND	NR	ND
Stirophos	.03	UG/L	ND	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	NR	ND	NR	ND
Fensulfothion	.07	UG/L	ND	NR	ND	NR	ND
EPN	.09	UG/L	ND	NR	ND	NR	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	NR	ND	NR	ND
Mevinphos, z isomer	.3	UG/L	ND	NR	ND	NR	ND
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND	ND
	===		========	========	========	========	========
Thiophosphorus Pesticides	.15	UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15	UG/L	0.0	0.0	0.0	0.0	0.0
	===		========	========	========	========	========
Total Organophosphorus Pesticides	.3	UG/L	0.0	0.0	0.0	0.0	4.5

ND=not detected NR=not required

SOUTH BAY WATER RECLAMATION PLANT Organophosphorus Pesticides EPA Method 614/622 (with additions)

Annual 2010

			COMB EFF	PRI EFF	PRI EFF	SEC EFF	SEC EFF
						04-MAY-2010	
Analyte	MDI	Units	P533626	P515516	P533631	P515521	P533636
=======================================		=====	========	========	========	========	========
Demeton O	.15	UG/L	ND	ND	ND	ND	ND
Demeton S		UG/L	ND	ND	ND	ND	ND
Diazinon		UG/L	ND	ND	ND	ND	ND
Guthion		UG/L	ND	ND	ND	ND	ND
Malathion		UG/L	0.3	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND	ND
=======================================	===	=====	========				========
Dichlorvos	.05	UG/L	0.4	ND	ND	ND	ND
Dibrom	.2	UG/L	NR	ND	NR	ND	NR
Ethoprop	.04	UG/L	NR	ND	NR	ND	NR
Phorate	.04	UG/L	NR	ND	NR	ND	NR
Sulfotepp	.04	UG/L	NR	ND	NR	ND	NR
Disulfoton	.02	UG/L	ND	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND	ND
Ronnel	.03	UG/L	NR	ND	NR	ND	NR
TrichloroNRte	.04	UG/L	NR	ND	NR	ND	NR
Merphos	.09	UG/L	NR	ND	NR	ND	NR
Dichlofenthion	.03	UG/L	NR	ND	NR	ND	NR
Tokuthion	.06	UG/L	NR	ND	NR	ND	NR
Stirophos	.03	UG/L	ND	ND	ND	ND	ND
Bolstar	.07	UG/L	NR	ND	NR	ND	NR
Fensulfothion	.07	UG/L	NR	ND	NR	ND	NR
EPN	.09	UG/L	NR	ND	NR	ND	NR
Coumaphos	.15	UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	NR	ND	NR	ND	NR
Mevinphos, z isomer	.3	UG/L	NR	ND	NR	ND	NR
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND	ND
		=====	========	========	========	========	========
Thiophosphorus Pesticides		UG/L	0.3	0.0	0.0	0.0	0.0
Demeton -0, -S		UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides		UG/L	0.7	0.0	0.0	0.0	0.0

ND=not detected NR=not required

SOUTH BAY WATER RECLAMATION PLANT Organophosphorus Pesticides EPA Method 614/622 (with additions)

Annual 2010

			RSL	RSL	RECLAIM	RECLAIM
			04-MAY-2010	05-OCT-2010	04-MAY-2010	05-OCT-2010
Analyte	MDL	Units	P515533	P533648	P515535	P533650
=======================================	===	=====	========	========	========	========
Demeton O	.15	UG/L	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND
Diazinon	.03	UG/L	ND	ND	ND	ND
Guthion	.15	UG/L	ND	ND	ND	ND
Malathion	.03	UG/L	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND
=======================================	===	=====	========			========
Dichlorvos	.05	UG/L	ND	ND	ND	ND
Dibrom	.2	UG/L	ND	NR	ND	NR
Ethoprop	.04	UG/L	ND	NR	ND	NR
Phorate	.04	UG/L	ND	NR	ND	NR
Sulfotepp	.04	UG/L	ND	NR	ND	NR
Disulfoton	.02	UG/L	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND
Ronnel	.03	UG/L	ND	NR	ND	NR
TrichloroNRte	.04	UG/L	ND	NR	ND	NR
Merphos	.09	UG/L	ND	NR	ND	NR
Dichlofenthion	.03	UG/L	ND	NR	ND	NR
Tokuthion	.06	UG/L	ND	NR	ND	NR
Stirophos	.03	UG/L	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	NR	ND	NR
Fensulfothion	.07	UG/L	ND	NR	ND	NR
EPN	.09	UG/L	ND	NR	ND	NR
Coumaphos	.15	UG/L	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	NR	ND	NR
Mevinphos, z isomer	.3	UG/L	ND	NR	ND	NR
Chlorpyrifos		UG/L	ND	ND	ND	ND
Thiophosphorus Pesticides		===== UG/L	0.0	0.0	0.0	0.0
Demeton -0, -S	.15	UG/L	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides			0.0	0.0	0.0	0.0

ND=not detected NR=not required

Annual 2010

Analyte	MDL	Units	SB_INF_02 02-FEB-2010 P504507	SB_INF_02 04-MAY-2010 P515501	SB_INF_02 02-AUG-2010 P525067	SB_INF_02 05-OCT-2010 P533616
					==========	
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene		UG/L	ND	ND	ND	ND
Anthracene		UG/L	ND	ND	ND	ND
Benzidine		UG/L	ND	ND	ND	ND
Benzo[A]anthracene		UG/L	ND	ND	ND	ND
<pre>3,4-benzo(B)fluoranthene Benzo[K]fluoranthene</pre>		UG/L	ND ND	ND ND	ND ND	ND ND
Benzo[A]pyrene		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Benzo[G,H,I]perylene		UG/L	ND ND	ND ND	ND ND	ND ND
4-bromophenyl phenyl ether		UG/L	ND ND	ND ND	ND ND	ND ND
bis(2-chloroethoxy)methane		UG/L	ND	ND.	ND.	ND
bis(2-chloroethyl) ether		UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether		UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether		UG/L	ND	ND	ND	ND
2-chloronaphthalene		UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	3.9	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	10.3	11.1	12.2	23.6
Diethyl phthalate	3.05	UG/L	10.8	13.2	9.7	8.9
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine		UG/L	ND	ND	ND	ND
2,4-dinitrotoluene		UG/L	ND	ND	ND	ND
2,6-dinitrotoluene		UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine		UG/L	ND	ND	ND	ND
Fluoranthene		UG/L	ND	ND	ND	ND
Fluorene Hexachlorobenzene		UG/L	ND	ND ND	ND ND	ND ND
Hexachlorobutadiene		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Hexachlorocyclopentadiene		UG/L	ND ND	ND ND	ND ND	ND ND
Hexachloroethane		UG/L	ND ND	ND ND	ND ND	ND ND
Indeno(1,2,3-CD)pyrene		UG/L	ND ND	ND ND	ND	ND
Isophorone		UG/L	ND.	33.8	ND	ND
Naphthalene		UG/L	ND	ND	ND	ND
Nitrobenzene		UG/L	ND	ND	ND	ND
N-nitrosodimethylamine		UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine		UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons			0.0	0.0	0.0	0.0
Base/Neutral Compounds		UG/L	25.0	58.1	21.9	32.5
Additional analytes determined	====	=====			===========	
Benzo[e]pyrene		UG/L	ND	ND	ND	ND
Biphenyl		UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene		UG/L	ND	ND	ND	ND
1-methylnaphthalene		UG/L	ND	ND	ND	ND
1-methylphenanthrene		UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene		UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

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Analyte	MDL	Units	SB_OUTFALL_01 02-FEB-2010 P504512	SB_OUTFALL_01 04-MAY-2010 P515506	SB_OUTFALL_01 03-AUG-2010 P525072	SB_OUTFALL_01 05-OCT-2010 P533621
=======================================	====		===========	==========	==========	
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene		UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52		ND	ND	ND	ND
Benzo[A]anthracene	1.1		ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35		ND	ND	ND	ND
Benzo[K]fluoranthene	1.49		ND	ND	ND	ND
Benzo[A]pyrene	1.25	/	ND	ND	ND	ND
Benzo[G,H,I]perylene		UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether bis(2-chloroethoxy)methane		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
bis(2-chloroethyl) ether	1.38	,	ND ND	ND ND	ND ND	ND ND
Bis-(2-chloroisopropyl) ether	1.16		ND ND	ND ND	ND ND	ND ND
4-chlorophenyl phenyl ether	1.57		ND ND	ND ND	ND	ND ND
2-chloronaphthalene	1.87		ND	ND.	ND	ND
Chrysene		UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01		ND	ND	ND	ND
Butyl benzyl phthalate		UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96		ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96		9.8	ND	ND	ND
Diethyl phthalate	3.05	UG/L	ND	ND	ND	ND
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53		ND	ND	ND	ND
1,2-diphenylhydrazine		UG/L	ND	ND	ND	ND
Fluoranthene		UG/L	ND	ND	ND	ND
Fluorene	1.61		ND	ND	ND	ND
Hexachlorobenzene	1.48		ND	ND	ND	ND
Hexachlorobutadiene	1.64		ND	ND	ND	ND
Hexachlorocyclopentadiene Hexachloroethane	1.25		ND ND	ND ND	ND ND	ND ND
Indeno(1,2,3-CD)pyrene	1.32	UG/L	ND ND	ND ND	ND ND	ND ND
Isophorone		UG/L	ND ND	ND ND	ND ND	ND ND
Naphthalene	1.65		ND ND	ND ND	ND	ND ND
Nitrobenzene		UG/L	ND	ND.	ND	ND
N-nitrosodimethylamine	1.27		ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16		ND	ND	ND	ND
N-nitrosodiphenylamine		UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
	====	=====				
Polynuc. Aromatic Hydrocarbons			0.0	0.0	0.0	0.0
Base/Neutral Compounds		UG/L	9.8	0.0	0.0	0.0
Additional analytes determined						
Benzo[e]pyrene		UG/L	ND	ND	ND	ND
Biphenyl	2.29		ND ND	ND ND	ND ND	ND ND
2,6-dimethylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-methylnaphthalene	2.18		ND ND	ND ND	ND	ND ND
1-methylphenanthrene		UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14		ND	ND	ND	ND
2,3,5-trimethylnaphthalene		UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

Annual 2010

Analyte	MDL	Units	02-FEB-2010 P504517	04-MAY-2010 P515511	SB_ITP_COMB_EFF 03-AUG-2010 P525077	05-OCT-2010 P533626
Acananhthana	1.8	===== UG/L		ND		
Acenaphthene Acenaphthylene		UG/L	ND ND	ND ND	ND ND	ND ND
Anthracene		UG/L	ND	ND ND	ND ND	ND ND
Benzidine		UG/L	ND.	ND.	ND.	ND ND
Benzo[A]anthracene		UG/L	ND.	ND	ND.	ND
3,4-benzo(B)fluoranthene		UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane		UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether		UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether		UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
2-chloronaphthalene Chrysene		UG/L	ND ND	ND ND	ND ND	ND ND
Dibenzo(A,H)anthracene		UG/L	ND ND	ND ND	ND ND	ND ND
Butyl benzyl phthalate		UG/L	ND.	ND	ND ND	ND
Di-n-butyl phthalate		UG/L	ND ND	ND.	ND ND	ND ND
Bis-(2-ethylhexyl) phthalate		UG/L	ND.	ND.	ND.	ND
Diethyl phthalate		UG/L	17.4	20.2	13.7	16.5
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene		UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine		UG/L	ND	ND	ND	ND
Fluoranthene		UG/L	ND	ND	ND	ND
Fluorene		UG/L	ND	ND	ND	ND
Hexachlorobenzene Hexachlorobutadiene		UG/L	ND ND	ND ND	ND ND	ND ND
Hexachlorocyclopentadiene		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Hexachloroethane		UG/L	ND	ND ND	ND ND	ND ND
Indeno(1,2,3-CD)pyrene		UG/L	ND.	ND	ND.	ND
Isophorone		UG/L	ND	ND	ND	ND
Naphthalene		UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine		UG/L	ND	ND	ND	ND
Phenanthrene		UG/L	ND	ND	ND	ND
Pyrene		UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene		UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons		UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds		UG/L	17.4	20.2	13.7	16.5
Additional analytes determined						
Renzo [e] nymene					ND	
Benzo[e]pyrene		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Biphenyl 2,6-dimethylnaphthalene		UG/L UG/L	ND ND	שא ND	ND ND	ND ND
1-methylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-methylphenanthrene		UG/L	ND	ND ND	ND ND	ND ND
2-methylnaphthalene		UG/L	ND ND	ND	ND ND	ND
2,3,5-trimethylnaphthalene		UG/L	ND	ND	ND	ND
Perylene		UG/L	ND	ND	ND	ND
Pyridine		UG/L	ND	ND	ND	ND

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Analyte	MDL	Units	SB_PRIEFF_10 02-FEB-2010 P504522	SB_PRIEFF_10 04-MAY-2010 P515516	SB_PRIEFF_10 02-AUG-2010 P525082	SB_PRIEFF_10 05-OCT-2010 P533631
	====	=====	==========			==========
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene		UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene		UG/L	ND	ND	ND	ND
<pre>3,4-benzo(B)fluoranthene</pre>	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene		UG/L	ND	ND	ND	ND
Benzo[A]pyrene		UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene		UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether		UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane		UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether		UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether		UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether		UG/L	ND	ND	ND	ND
2-chloronaphthalene		UG/L	ND	ND	ND	ND
Chrysene		UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene		UG/L	ND	ND	ND	ND
Butyl benzyl phthalate		UG/L	ND	ND	ND	ND
Di-n-butyl phthalate		UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate		UG/L	9.8	12.3	12.6	28.5
Diethyl phthalate		UG/L	5.5	10.7	6.4	6.5
Dimethyl phthalate		UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine		UG/L	ND	ND	ND	ND
2,4-dinitrotoluene		UG/L	ND	ND	ND	ND
2,6-dinitrotoluene		UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine		UG/L	ND	ND	ND	ND
Fluoranthene		UG/L	ND	ND	ND	ND
Fluorene		UG/L	ND	ND	ND	ND
Hexachlorobenzene		UG/L	ND	ND	ND	ND
Hexachlorobutadiene		UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene		UG/L	ND	ND	ND	ND
Hexachloroethane		UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene		UG/L	ND	ND	ND	ND
Isophorone		UG/L	ND	ND	ND	ND
Naphthalene		UG/L	ND	ND	ND	ND
Nitrobenzene		UG/L	ND	ND	ND	ND
N-nitrosodimethylamine		UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine		UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine		UG/L	ND	ND	ND	ND
Phenanthrene		UG/L	ND	ND	ND	ND
Pyrene		UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene		UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96	UG/L	15.3	23.0	19.0	35.0
Additional analytes determined						
Benzo[e]pyrene		UG/L	ND	ND	ND	ND
Biphenyl		UG/L	ND	ND ND	ND.	ND ND
2,6-dimethylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-methylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-methylphenanthrene		UG/L	ND ND	ND ND	ND ND	ND ND
2-methylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
2,3,5-trimethylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
Perylene		UG/L	ND ND	ND ND	ND ND	ND ND
Pyridine		UG/L	ND ND	ND ND	ND ND	ND ND
	رد. د	30, L	ND	ND	ND	ND

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Analyte	MDL	Units	SB_SEC_EFF_20 02-FEB-2010 P504527	SB_SEC_EFF_20 04-MAY-2010 P515521	SB_SEC_EFF_20 02-AUG-2010 P525087	SB_SEC_EFF_20 05-0CT-2010 P533636
	====		=======================================			=========
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene		UG/L	ND	ND	ND	ND
Anthracene		UG/L	ND	ND	ND	ND
Benzidine		UG/L	ND	ND	ND	ND
Benzo[A]anthracene		UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene		UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene		UG/L	ND	ND ND	ND ND	ND
Benzo[A]pyrene Benzo[G,H,I]perylene		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
4-bromophenyl phenyl ether	1.4	UG/L	ND ND	ND ND	ND ND	ND ND
bis(2-chloroethoxy)methane		UG/L	ND ND	ND.	ND.	ND
bis(2-chloroethyl) ether		UG/L	ND.	ND	ND.	ND
Bis-(2-chloroisopropyl) ether		UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether		UG/L	ND	ND	ND	ND
2-chloronaphthalene		UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	ND	ND	ND	ND
Diethyl phthalate	3.05	UG/L	ND	ND	ND	ND
Dimethyl phthalate		UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine		UG/L	ND	ND	ND	ND
2,4-dinitrotoluene		UG/L	ND	ND	ND	ND
2,6-dinitrotoluene		UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine		UG/L	ND	ND	ND	ND
Fluoranthene		UG/L	ND	ND	ND	ND
Fluorene		UG/L	ND ND	ND ND	ND ND	ND ND
Hexachlorobenzene Hexachlorobutadiene		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Hexachlorocyclopentadiene		UG/L	ND ND	ND ND	ND ND	ND ND
Hexachloroethane		UG/L	ND ND	ND ND	ND ND	ND ND
Indeno(1,2,3-CD)pyrene		UG/L	ND ND	ND.	ND ND	ND ND
Isophorone		UG/L	ND.	ND	ND.	ND
Naphthalene		UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
			=======================================			=======================================
Polynuc. Aromatic Hydrocarbons			0.0	0.0	0.0	0.0
Base/Neutral Compounds		UG/L	0.0	0.0	0.0	0.0
Additional analytes determined						
Benzo[e]pyrene		UG/L	ND	ND	ND	ND
Biphenyl		UG/L	ND ND	ND ND	ND ND	ND ND
2,6-dimethylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-methylnaphthalene		UG/L	ND ND	ND	ND ND	ND
1-methylphenanthrene		UG/L	ND	ND	ND	ND
2-methylnaphthalene		UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene		UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

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			SB_REC_WATER_34		SB_REC_WATER_34	SB_REC_WATER_34
Analysta	MDI	11-3-4	02-FEB-2010	04-MAY-2010	02-AUG-2010	05-0CT-2010
Analyte ====================================	MDL ====	Units	P504543	P515535	P525103	P533650
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	•	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
<pre>3,4-benzo(B)fluoranthene</pre>	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	•	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	•	ND	ND	ND	ND
4-bromophenyl phenyl ether		UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	•	ND	ND	ND	ND ND
bis(2-chloroethyl) ether	1.38 1.16		ND ND	ND ND	ND ND	ND ND
Bis-(2-chloroisopropyl) ether 4-chlorophenyl phenyl ether	1.57		ND ND	ND ND	ND ND	ND ND
2-chloronaphthalene	1.87		ND ND	ND ND	ND ND	ND ND
Chrysene	1.16		ND ND	ND ND	ND ND	ND ND
Dibenzo(A,H)anthracene	1.01		ND ND	ND.	ND.	ND ND
Butyl benzyl phthalate	2.84		ND	ND	ND	ND
Di-n-butyl phthalate	3.96		ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	•	ND	ND	ND	ND
Diethyl phthalate	3.05	UG/L	ND	ND	ND	ND
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	,	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37		ND	ND	ND	ND
Fluoranthene	1.33	•	ND	ND	ND	ND
Fluorene	1.61		ND	ND	ND	ND
Hexachlorobenzene	1.48		ND	ND	ND	ND
Hexachlorobutadiene	1.64		ND ND	ND ND	ND	ND ND
Hexachlorocyclopentadiene Hexachloroethane	1.25 1.32		ND ND	ND ND	ND ND	ND ND
Indeno(1,2,3-CD)pyrene	1.14		ND ND	ND ND	ND ND	ND ND
Isophorone	1.53		ND ND	ND ND	ND ND	ND ND
Naphthalene	1.65		ND.	ND.	ND.	ND
Nitrobenzene	1.6	UG/L	ND.	ND.	ND	ND
N-nitrosodimethylamine	1.27	•	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
	====	=====				
Polynuc. Aromatic Hydrocarbons			0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96		0.0	0.0	0.0	0.0
Additional analytes determined						
Benzo[e]pyrene		UG/L	ND	ND	ND	ND
Biphenyl	2.29		ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16		ND ND	ND ND	ND	ND ND
1-methylnaphthalene	2.18		ND ND	ND ND	ND ND	ND ND
<pre>1-methylphenanthrene 2-methylnaphthalene</pre>	1.46 2.14		ND ND	ND ND	ND ND	ND ND
2,3,5-trimethylnaphthalene	2.14		ND ND	ND ND	ND ND	ND ND
Perylene	1.41		ND ND	ND ND	ND ND	ND ND
Pyridine		UG/L	ND ND	ND ND	ND	ND ND
-		•				

			INFLUENT	INFLUENT	INFLUENT	INFLUENT
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
Analyte:	MDL	Units	P504507	P515501	P525067	P533616
	====	=====	========	========	========	========
2-chlorophenol		UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	26.7	47.7	44.2	36.5
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
	====	=====	========	========	========	========
2-methylphenol		UG/L	ND	ND	ND	ND
<pre>3-methylphenol(4-MP is unresolved)</pre>		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	101	123	120	92.5
2,4,5-trichlorophenol		UG/L	ND	ND	ND	ND
Tatal Chloringtod Bhanala						
Total Chlorinated Phenols		UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols		UG/L	26.7	47.7	44.2	36.5
Total Phenols		UG/L	26.7	47.7	44.2	36.5

			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-0CT-2010
Analyte:	MDL	Units	P504512	P515506	P525072	P533621
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol		UG/L	ND.	ND	ND	ND
4-chloro-3-methylphenol		UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2 15	===== UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	2.15	UG/L	NA NA	NA NA	NA NA	NA NA
4-methylphenol(3-MP is unresolved)	2 11	,	NA ND	NA ND	NA ND	ND
2,4,5-trichlorophenol		UG/L	ND ND	ND ND	ND ND	ND ND
2,4,5-tritiniorophenoi			ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols		UG/L	0.0	0.0	0.0	0.0
Tatal Discusion	====	=====	========			
Total Phenols	2.16	UG/L	0.0	0.0	0.0	0.0

			COMB EFF	COMB EFF	COMB EFF	COMB EFF
			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-0CT-2010
Analyte:	MDL	Units	P504517	P515511	P525077	P533626
	====	=====	========	========	========	========
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	29.1	41.3	32.9	35.1
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
	====	=====				
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA -
4-methylphenol(3-MP is unresolved)			26.9	20.3	3.1	5.1
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
		=====				
Total Chlorinated Phenols		UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	29.1	41.3	32.9	35.1
			========		========	
Total Phenols	2.16	UG/L	29.1	41.3	32.9	35.1

			PRI EFF	PRI EFF	PRI EFF	PRI EFF
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-0CT-2010
Analyte:	MDL	Units	P504522	P515516	P525082	P533631
=======================================	====	=====	========	========	========	========
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	13.9	30.1	42.9	17.3
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
	====	=====	========	========	========	========
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
<pre>3-methylphenol(4-MP is unresolved)</pre>		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	38.0	75.6	135.0	40.7
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
	====	=====	========	========	========	========
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	13.9	30.1	42.9	17.3
	====	=====	========	========	========	========
Total Phenols	2.16	UG/L	13.9	30.1	42.9	17.3

			SEC EFF	SEC EFF	SEC EFF	SEC EFF
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-0CT-2010
Analyte:	MDL	Units	P504527	P515521	P525087	P533636
	====	=====	========	========	========	========
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2 15	===== UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	2.13	UG/L	NA NA	NA NA	NA NA	NA NA
4-methylphenol(3-MP is unresolved)	2 11	,	ND.	ND.	ND.	ND.
2,4,5-trichlorophenol		UG/L	ND.	ND ND	ND ND	ND ND
======================================	====	=====	========			
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	0.0	0.0	0.0	0.0
Total Phenols	2.16	===== UG/L	0.0	0.0	0.0	0.0

			RSL 02-FFB-2010	RSL 04-MAY-2010	RSL 03-AUG-2010	RSL 05-0CT-2010
Analyte:	MDL	Units	P504541	P515533	P525101	P533648
2 ahlananhanal	1 22	=====	ND			ND.
2-chlorophenol		UG/L	ND	ND	ND	ND ND
2,4-dichlorophenol		UG/L	ND	ND	ND	
4-chloro-3-methylphenol		UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol		UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	129	119	193	235
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol		UG/L	ND	ND	ND	ND
=======================================	====	=====	=========	=========	=========	=========
2-methylphenol	2.15	UG/L	ND	ND	ND	41.8
<pre>3-methylphenol(4-MP is unresolved)</pre>		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	286	141	359	293
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
=======================================	====	=====	========	========	========	========
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	129	119	193	235
	====	=====	========	========	========	========
Total Phenols	2.16	UG/L	129	119	193	235

			REC WATER	REC WATER	REC WATER 02-AUG-2010	REC WATER
Analyte:	MDL	Units	P504543	P515535	P525103	P533650
	====	=====	========	========	========	========
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
	====	=====				
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)			ND	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1 67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols		UG/L		0.0	0.0	0.0
iotal Mon-Chitotinated Filehols	2.16	0G/L	0.0	0.0	0.0	0.0
Total Phenols	2.16	UG/L	0.0	0.0	0.0	0.0

Analyte		Units	SB_INF_02 02-FEB-2010 P504510	SB_INF_02 04-MAY-2010 P515504	SB_INF_02 03-AUG-2010 P525070	SB_INF_02 05-OCT-2010 P533619
Acrolein		===== UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND ND	ND ND	ND ND	ND ND
Benzene	.4	UG/L	ND.	ND	ND.	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether		UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	1.8	2.2	3.2	1.7
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6 .4	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
<pre>1,2-dichlorobenzene 1,3-dichlorobenzene</pre>	.5	UG/L	ND ND	ND ND	ND ND	ND ND
1,4-dichlorobenzene	.4	UG/L	0.6	0.8	1.1	0.6
Dichlorodifluoromethane		UG/L	ND.	ND	ND.	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	1.4	1.8	2.2	10.2
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene		UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	0.5	0.6	0.8	0.8
1,1,1-trichloroethane	.4 .5	UG/L	ND ND	ND ND	ND ND	ND ND
1,1,2-trichloroethane Trichloroethene	.7	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Trichlorofluoromethane	.3	UG/L	ND ND	ND ND	ND ND	ND ND
Vinyl chloride	.4	UG/L	ND ND	ND ND	ND ND	ND ND
=======================================		-				
Halomethane Purgeable Cmpnds		UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	3.2	4.0	5.4	11.9
					=======================================	
Purgeable Compounds		UG/L	4.3	5.4	7.3	13.3
Additional Analytes Determin		=====				
Acetone	4.5	UG/L	120	199	173	168
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride		UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	•	ND	ND	ND	ND
2-butanone		UG/L	ND	ND	9.8	12.8
Carbon disulfide	.6	UG/L	1.6	4.6	1.3	1.9
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
Isopropylbenzene Methyl Iodide	.3 .6	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Methyl methacrylate		UG/L	ND ND	ND ND	ND ND	ND ND
4-methyl-2-pentanone		UG/L	ND ND	ND ND	ND ND	ND ND
meta,para xylenes	.6	UG/L	ND	ND	ND.	ND
Methyl tert-butyl ether		UG/L	ND	ND	ND	ND
2-nitropropane		UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND
ND= not detected						

			CD OUTEALL OA	CD OUTENLA OF	CD OUTEAU 01	CD OUTEAU OA
			SB_OUTFALL_01 02-FEB-2010	SB_OUTFALL_01 04-MAY-2010	SB_OUTFALL_01 03-AUG-2010	SB_OUTFALL_01 05-OCT-2010
Analyte	MDL	Units	P504515	P515509	P525075	P533624
,		=====				
Acrolein		UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane Carbon tetrachloride	.7	UG/L	ND	ND	ND	ND
Chlorobenzene	.4 .4	UG/L	ND ND	ND ND	ND ND	ND ND
Chloroethane	.9	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
2-chloroethylvinyl ether		UG/L	ND ND	ND ND	ND ND	ND ND
Chloroform	.2	UG/L	0.5	0.6	1.0	0.5
Chloromethane	.5	UG/L	ND.	ND	ND.	ND
Dibromochloromethane	.6	UG/L	ND.	ND.	ND.	ND ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	2.1	0.5	0.8	2.7
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene Toluene	.4	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
1,1,1-trichloroethane	.4	UG/L	ND ND	ND ND	ND ND	ND ND
1,1,2-trichloroethane	.5	UG/L	ND ND	ND ND	ND ND	ND ND
Trichloroethene	.7	UG/L	ND ND	ND	ND	ND ND
Trichlorofluoromethane	.3	UG/L	ND.	ND	ND.	ND
Vinyl chloride	.4	UG/L	ND.	ND.	ND	ND
=======================================	===	=====	===========			=========
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	2.6	1.1	1.8	3.2
=======================================			==========			
Purgeable Compounds	1.3	UG/L	2.6	1.1	1.8	3.2
Additional Analytic Determin						
Additional Analytes Determine			===========	==========		
Acetone		UG/L	ND	ND	ND	ND
Allyl chloride		UG/L	ND	ND	ND	ND
Benzyl chloride		UG/L	ND	ND	ND	ND
1,2-dibromoethane		UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene		UG/L	ND	ND	ND	ND
Methyl Iodide		UG/L	ND	ND	ND	ND
Methyl methacrylate		UG/L	ND	ND	ND	ND
4-methyl-2-pentanone		UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether		UG/L	ND ND	ND ND	ND ND	ND ND
2-nitropropane	12 .4	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
ortho-xylene Styrene		UG/L	ND ND	ND ND	ND ND	ND ND
Jey, ene		53, L	ND	ND	ND	IND
ND d. d. d. d. d.						

			CD IID COMD FEE	CD TTD COMP FFF	CD TTD COMP FEE	CD TTD COMD FFF
			SB_11P_COMB_EFF 02-FEB-2010	04-MAY-2010	SB_ITP_COMB_EFF 03-AUG-2010	05-0CT-2010
Analyte	MDL	Units	P504520	P515514	P525080	P533629
=======================================			=======================================	==========		
Acrolein		UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	1.4	ND	ND	ND
Bromoform Bromomethane	.5 .7	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Carbon tetrachloride	.4	UG/L	ND ND	ND ND	ND ND	ND ND
Chlorobenzene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
Chloroethane	.9	UG/L	ND ND	ND.	ND	ND ND
2-chloroethylvinyl ether		UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	5.8	12.9	8.5	9.6
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	1.5	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	2.2	3.7	2.7	3.5
Dichlorodifluoromethane		UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
<pre>1,2-dichloroethane 1,1-dichloroethene</pre>	.5 .4	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
trans-1,2-dichloroethene		UG/L	ND ND	ND ND	ND ND	ND ND
1,2-dichloropropane	.3	UG/L	ND ND	ND ND	ND	ND ND
cis-1,3-dichloropropene	.3	UG/L	ND.	ND.	ND.	ND
trans-1,3-dichloropropene		UG/L	ND	ND	ND	ND
Ethylbenzene		UG/L	0.7	1.5	0.4	1.1
Methylene chloride	.3	UG/L	2.7	5.8	3.0	3.3
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	5.4	17.9	8.9	32.8
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	0.8
Trichlorofluoromethane	.3 .4	UG/L	ND ND	ND	ND ND	ND ND
Vinyl chloride		UG/L	ND	ND		UN
Halomethane Purgeable Cmpnds		UG/L	0.0	0.0	0.0	0.0
					==========	
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	8.5	18.7	11.5	12.9
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Purgeable Compounds	1.3	UG/L	19.7	41.8	23.5	51.1
Additional Analytes Determin	ed					
=======================================		=====	==========	==========	==========	========
Acetone		UG/L	368	486	484	636
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	4.3	1.8
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone		UG/L	15.3	9.5	6.8	14.5
Carbon disulfide		UG/L	1.3	2.7	1.5	4.0
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene		UG/L	ND	ND	ND 1 2	ND
Isopropylbenzene Methyl Iodide		UG/L	ND ND	0.6	1.3	0.9
		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Methyl methacrylate 4-methyl-2-pentanone		UG/L	ND ND	ND ND	ND ND	2.9
meta,para xylenes	.6	UG/L	2.9	6.0	1.4	4.5
Methyl tert-butyl ether		UG/L	ND	ND	ND	ND
2-nitropropane		UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	1.9	4.0	1.9	7.0
Styrene	.3	UG/L	ND	ND	ND	ND

Analyte		Units	SB_PRIEFF_10 02-FEB-2010 P504525	SB_PRIEFF_10 04-MAY-2010 P515519	SB_PRIEFF_10 03-AUG-2010 P525085	SB_PRIEFF_10 05-OCT-2010 P533634
Acrolein		===== UG/L	ND	ND	ND	ND
Acrolein Acrylonitrile	.7	UG/L	ND ND	ND ND	ND ND	ND ND
Benzene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
Bromodichloromethane	.5	UG/L	ND.	ND	ND.	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether		UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	1.2	1.8	1.7	1.5
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5 .4	UG/L UG/L	ND 0.4	ND ND	ND 0.8	ND <0.4
1,4-dichlorobenzene Dichlorodifluoromethane		UG/L	ND	ND ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND ND	ND ND	ND ND	ND ND
1,2-dichloroethane	.5	UG/L	ND ND	ND ND	ND ND	ND ND
1,1-dichloroethene	.4	UG/L	ND ND	ND	ND ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND.	ND.	ND.	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	0.8	1.5	5.0	224
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	1.3	0.6	0.7	0.6
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3 .4	UG/L	ND ND	ND ND	ND ND	ND ND
Vinyl chloride		UG/L			ND ===========	
Halomethane Purgeable Cmpnds		UG/L	0.0	0.0	0.0	0.0
=======================================	===	=====	==========		==========	
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	===== UG/L	2.0	3.3	6.7	226
	===	-	===========	=========	=======================================	==========
Purgeable Compounds	1.3	UG/L	3.7	3.9	8.2	226
Additional Analytes Determin						
Acetone		===== UG/L	230	216	199	230
Allyl chloride		UG/L	ND	ND	ND	ND
Benzyl chloride		UG/L	ND ND	ND	ND ND	ND
1,2-dibromoethane	.3		ND	ND	ND	ND
2-butanone		UG/L	ND	ND	12.0	7.4
Carbon disulfide	.6	UG/L	2.2	2.5	2.3	5.9
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate		UG/L	ND	ND	ND	ND
4-methyl-2-pentanone		UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether		UG/L	ND	ND	ND	ND
2-nitropropane		UG/L	ND ND	ND ND	ND ND	ND ND
ortho-xylene Styrene	.4	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
ND= not detected		JU, E	NU	ND	NU	ND

Analyte		Units	SB_SEC_EFF_20 02-FEB-2010 P504530	SB_SEC_EFF_20 04-MAY-2010 P515524	P525090	SB_SEC_EFF_20 05-OCT-2010 P533639
Acrolein		===== UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND ND	ND	ND.	ND ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether		UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	0.5	0.6	0.6	ND
Chloromethane Dibromochloromethane	.5 .6	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
1,2-dichlorobenzene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
1,3-dichlorobenzene	.5	UG/L	ND ND	ND ND	ND ND	ND ND
1,4-dichlorobenzene	.4	UG/L	ND ND	ND	ND ND	ND
Dichlorodifluoromethane		UG/L	ND.	ND.	ND.	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	0.5	0.7	0.3	4.0
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene		UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	ND	ND	ND	ND
1,1,1-trichloroethane	.4 .5	UG/L	ND ND	ND ND	ND	ND
1,1,2-trichloroethane Trichloroethene	.7	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Trichlorofluoromethane	.3	UG/L	ND ND	ND ND	ND ND	ND ND
Vinyl chloride	.4	UG/L	ND ND	ND ND	ND	ND ND
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Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	===== UG/L	1.0	1.3	0.9	4.0
	===	=====			==========	
Purgeable Compounds	1.3	UG/L	1.0	1.3	0.9	4.0
Additional Analytes Determine		=====	=========	=========	==========	==========
Acetone		UG/L	ND	ND	ND	ND
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone		UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide Methyl methacrylate	.6 .8	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
4-methyl-2-pentanone		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
meta,para xylenes	.6	UG/L	ND ND	ND ND	ND ND	ND ND
Methyl tert-butyl ether		UG/L	ND ND	ND ND	ND ND	ND ND
2-nitropropane		UG/L	ND ND	ND ND	ND ND	ND ND
ortho-xylene		UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND
ND= not detected						

Acrolein 1,3 US/L ND	Analyte		Units	02-FEB-2010 P504546	04-MAY-2010 P515538	P525106	05-0CT-2010 P533653
Acrylonitrile							
Benzene							
Brossomethane		.4					
Promomethane	Bromodichloromethane	.5	UG/L	ND	ND	ND	4.9
Carbon tetrachloride	Bromoform	.5	UG/L	ND	ND	ND	ND
Chlorochanee	Bromomethane	.7	UG/L	ND	ND	ND	ND
Chloroethane							
2-chloroethylvinyl ether							
Chloroform							
Chloromethane							
Dibromochloromethane							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	•						
Dicknordifluoromethane 4. 0G/L ND ND <t< td=""><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	•						
1,1-dichloroethane	-						
1,1-dichloroethene				ND	ND	ND	ND
Trans-1,2-dischloroethene	1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,2-dichloropropane	1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
cis-1,3-dichioropropene .3 UG/L ND	trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene .5 UG/L ND ND ND ND Ethylbenzene .3 UG/L ND		.3	UG/L	ND	ND	ND	ND
Ethylbenzene						ND	
Methylene chloride	, , ,						
1,1,2,2-tetrachloroethane							
Tetrachloroethene	,						
Toluene							
1,1,1-trichloroethane							
1,1,2-trichloroethane							
Trichloroethene							
Trichlorofluoromethane							
Vinyl chloride .4 UG/L ND ND ND ND Halomethane Purgeable Cmpnds .7 UG/L 0.0 0.0 0.0 0.0 0.0 Total Dichlorobenzenes .5 UG/L 0.0 0.0 0.0 0.0 0.0 Embedding .5 UG/L 0.0 0.0 0.0 0.0 0.0 Embedding .5 UG/L 2.2 2.2 5.3 365 Embedding .5 UG/L 2.2 2.2 5.3 365 Embedding .5 UG/L 2.2 2.2 5.3 365 Embedding .5 UG/L 2.2 2.2 5.3 372 Additional Analytes Determined <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
Halomethane Purgeable Cmpnds							
Total Dichlorobenzenes S UG/L 0.0 0.0 0.0 0.0 0.0		===	=====	==========	==========	==========	=========
Total Dichlorobenzenes	Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes .5 UG/L 2.2 2.2 5.3 365							
Total Chloromethanes .5							
Purgeable Compounds 1.3 UG/L 2.2 2.2 5.3 372 Additional Analytes Determined							
Purgeable Compounds 1.3 UG/L 2.2 2.2 5.3 372 Additional Analytes Determined ==================================			,				
Additional Analytes Determined							
Acetone	r ar geable compounds	1.5	00/ L	2.2	2.2	5.5	372
Acetone 4.5 UG/L ND ND 4.8 ND Allyl chloride .6 UG/L ND ND ND ND ND Benzyl chloride 1.1 UG/L ND ND ND ND ND 1,2-dibromoethane .3 UG/L ND ND ND ND ND 2-butanone 6.3 UG/L ND ND ND ND ND ND Carbon disulfide .6 UG/L ND N							
Allyl chloride							
Benzyl chloride 1.1 UG/L ND ND </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
1,2-dibromoethane	•						
Carbon disulfide .6 UG/L ND		.3	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene .7 UG/L ND	2-butanone	6.3	UG/L	ND	ND	ND	ND
Chloroprene .4 UG/L ND	Carbon disulfide	.6	UG/L	ND	ND	ND	ND
Isopropylbenzene .3 UG/L ND	1,2,4-trichlorobenzene			ND	ND	ND	ND
Methyl Iodide .6 UG/L ND							
Methyl methacrylate .8 UG/L ND ND </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
4-methyl-2-pentanone 1.3 UG/L ND ND ND ND ND meta, para xylenes .6 UG/L ND ND ND ND ND Methyl tert-butyl ether .4 UG/L ND ND ND ND ND 2-nitropropane 12 UG/L ND ND ND ND ND ortho-xylene .4 UG/L ND ND ND ND ND Styrene .3 UG/L ND ND ND ND ND	,						
meta,para xylenes.6UG/LNDNDNDNDMethyl tert-butyl ether.4UG/LNDNDNDND2-nitropropane12UG/LNDNDNDNDortho-xylene.4UG/LNDNDNDNDStyrene.3UG/LNDNDNDND							
Methyl tert-butyl ether .4 UG/L ND ND ND ND ND 2-nitropropane 12 UG/L ND ND ND ND ND ortho-xylene .4 UG/L ND ND ND ND ND Styrene .3 UG/L ND ND ND ND ND							
2-nitropropane 12 UG/L ND ND ND ND ND ortho-xylene .4 UG/L ND ND ND ND ND ND Styrene .3 UG/L ND ND ND ND ND ND	· · · · · · · · · · · · · · · · · · ·						
ortho-xylene .4 UG/L ND ND ND ND ND Styrene .3 UG/L ND ND ND ND ND ND							
Styrene .3 UG/L ND ND ND ND ND							
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			SB_RSL_10_B	SB_RSL_10_B	SB_RSL_10_B	SB_RSL_10_B
			02-FEB-2010^		03-AUG-2010	05-0CT-2010
Analyte	MDL	Units	P504541	P515533	P525101	P533648
			=======================================			=======================================
Acrolein		UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane Carbon tetrachloride	.7 .4	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Chlorobenzene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
Chloroethane	.9	UG/L	ND ND	ND ND	ND ND	ND ND
2-chloroethylvinyl ether		UG/L	ND ND	ND ND	ND ND	ND ND
Chloroform	.2	UG/L	2.4	2.8	3.3	2.6
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	0.9	0.4	0.5	ND
1,3-dichlorobenzene	.5	UG/L	ND	<0.5	ND	ND
1,4-dichlorobenzene	.4	UG/L	2.0	1.9	3.4	2.1
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	13.5	2.2	21.8	109
1,1,2,2-tetrachloroethane	.5	UG/L	ND ND	ND ND	ND ND	ND ND
Tetrachloroethene Toluene	.4	UG/L UG/L	5.0	ND 1.9	5.9	4.2
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	4.2 ND
1,1,2-trichloroethane	.5	UG/L	ND ND	ND ND	ND ND	ND ND
Trichloroethene	.7	UG/L	ND ND	ND ND	ND ND	ND ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND.	ND
=======================================			=======================================			
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
			==========	=========	==========	=========
Total Dichlorobenzenes	.5	UG/L	0.9	0.4	0.5	0.0
	===	=====	==========	==========		==========
Total Chloromethanes	.5	UG/L	15.9	5.0	25.1	112
Purgeable Compounds		UG/L	23.8	9.2	34.9	118
Acetone		UG/L	214	143	257	114*
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride		UG/L	ND	ND	ND	ND
1,2-dibromoethane 2-butanone	.3	UG/L UG/L	ND 4E 9	ND o c	ND 7.5	ND ND
Carbon disulfide	.6	UG/L	45.8 3.7	8.6 3.4	2.6	2.7
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
Isopropylbenzene	.3	UG/L	0.4	0.5	ND ND	0.5
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone		UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	0.7	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	0.3	ND

^{*=}The method blanks results for Acetone were above the 4.5 UG/L MDL.
^ Surrogates for this sample were outside of laboratory QC standards, values not included in averages.

SOUTH BAY WATER RECLAMATION PLANT Tributyl Tin Analysis

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Analyte		Units	INFLUENT P504507 02-FEB-2010		INFLUENT P525067 02-AUG-2010	INFLUENT P533616 05-OCT-2010			EFFLUENT P525072 03-AUG-2010
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND	ND
			EFFLUENT	COMB EFF	COMB EFF	COMB EFF	COMB EFF	PRI EFF	PRI EFF
			P533621	P504517	P515511	P525077	P533626	P504522	P515516
Analyte		Units			04-MAY-2010				
======================================									
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin Tributyltin		UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
			PRI EFF	PRI EFF	SEC EFF	SEC EFF	SEC EFF	SEC EFF	REC WATER
			P525082	P533631	P504527	P515521	P525087	P533636	P504543
Analyte		Units			02-FEB-2010				
Dibutyltin	=== 7	==== UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin		UG/L	ND	ND	ND	ND	ND	ND	ND
Tributyĺtin		UG/L	ND	ND	ND	ND	ND	ND	ND
			REC WATER P515535	REC WATER P525103	REC WATER P533650				
Analyte	MDL	Units	04-MAY-2010	02-AUG-2010	05-0CT-2010				
				========					
Dibutyltin	7	UG/L	ND	ND	ND				
Monobutyltin		UG/L	ND	ND	ND				
Tributyltin	2	UG/L	ND	ND	ND				

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				INFLUENT	INFLUENT TCDD	EFFLUENT	EFFLUENT TCDD
Analytes		Units	Equiv.	02-FEB-2010 P504507	02-FEB-2010 P504507	02-FEB-2010 P504512	02-FEB-2010 P504512
2,3,7,8-tetra CDD		PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD		PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD		PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD		PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD		PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND
				INFLUENT 04-MAY-2010	INFLUENT TCDD 04-MAY-2010	EFFLUENT 04-MAY-2010	EFFLUENT TCDD 04-MAY-2010
Analytes		Units	Equiv.	04-MAY-2010 P515501	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506	TCDD 04-MAY-2010 P515506
	===	=======	======	04-MAY-2010 P515501	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506	TCDD 04-MAY-2010 P515506
2,3,7,8-tetra CDD	=== 125	PG/L	1.000	04-MAY-2010 P515501	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506	TCDD 04-MAY-2010 P515506
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD	=== 125 123	=======	======	04-MAY-2010 P515501 ========	TCDD 04-MAY-2010 P515501 ======	04-MAY-2010 P515506 ======	TCDD 04-MAY-2010 P515506 ======
2,3,7,8-tetra CDD	=== 125 123	PG/L PG/L	1.000 0.500	04-MAY-2010 P515501 ======= ND ND	TCDD 04-MAY-2010 P515501 ND ND	04-MAY-2010 P515506 ====== ND ND	TCDD 04-MAY-2010 P515506 ====== ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD	=== 125 123 113 98	PG/L PG/L PG/L PG/L	1.000 0.500 0.100	04-MAY-2010 P515501 ========= ND ND ND	TCDD 04-MAY-2010 P515501 ND ND ND	04-MAY-2010 P515506 ====== ND ND ND	TCDD 04-MAY-2010 P515506 ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD	=== 125 123 113 98 111	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	04-MAY-2010 P515501 ============ ND ND ND ND ND	TCDD 04-MAY-2010 P515501 ND ND ND ND	04-MAY-2010 P515506 ====== ND ND ND ND ND	TCDD 04-MAY-2010 P515506 ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD	=== 125 123 113 98 111 137	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100	04-MAY-2010 P515501 =================================	TCDD 04-MAY-2010 P515501 ND ND ND ND ND ND	04-MAY-2010 P515506 ====== ND ND ND ND ND ND	TCDD 04-MAY-2010 P515506 ND ND ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD	=== 125 123 113 98 111 137 247	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100	04-MAY-2010 P515501 	TCDD 04-MAY-2010 P515501 ND	04-MAY-2010 P515506 ====== ND ND ND ND ND ND ND ND	TCDD 04-MAY-2010 P515506 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD	=== 125 123 113 98 111 137 247 115	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010	04-MAY-2010 P515501 =================================	TCDD 04-MAY-2010 P515501 ND	04-MAY-2010 P515506 ====== ND ND ND ND ND ND ND ND ND	TCDD 04-MAY-2010 P515506 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF	=== 125 123 113 98 111 137 247 115 140	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001	04-MAY-2010 P515501 	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506 ND ND ND ND ND ND ND ND	TCDD 04-MAY-2010 P515506 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140 118	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.001 0.100 0.050	04-MAY-2010 P515501 P515501 ND	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506 ========= ND ND ND ND ND ND ND ND ND	TCDD 04-MAY-2010 P515506 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050	04-MAY-2010 P515501 P515501 ND	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506 ND	TCDD 04-MAY-2010 P515506 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100	04-MAY-2010 P515501 P515501 ND	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506 ND	TCDD 04-MAY-2010 P515506 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,4,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100	04-MAY-2010 P515501 P515501 ND	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506 ND	TCDD 04-MAY-2010 P515506
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,4,6,7,8-hexa CDF 1,2,3,4,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148 90	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.001 0.001 0.050 0.050 0.100 0.100 0.100 0.100	04-MAY-2010 P515501 P515501 ND	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506 ND	TCDD 04-MAY-2010 P515506 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,4,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148 90 166	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100	04-MAY-2010 P515501 P515501 ND	TCDD 04-MAY-2010 P515501	04-MAY-2010 P515506 ND	TCDD 04-MAY-2010 P515506

Above are permit required CDD/CDF isomers. $\ensuremath{\mathsf{ND}}\xspace=$ not detected

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				INFLUENT	INFLUENT TCDD	EFFLUENT	EFFLUENT TCDD
Analytes		Units	Equiv.	02-AUG-2010 P525067	02-AUG-2010 P525067	03-AUG-2010 P525072	03-AUG-2010 P525072
2,3,7,8-tetra CDD		PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD		PG/L	0.500	ND ND	ND	ND ND	ND ND
1,2,3,4,7,8_hexa_CDD		PG/L	0.100	ND ND	ND	ND ND	ND ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND ND	ND
1,2,3,7,8,9-hexa CDD		PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD			0.010	ND	ND	ND ND	ND
octa CDD		PG/L	0.001	ND ND	ND	ND	ND
2,3,7,8-tetra CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF		PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF		PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF		PG/L	0.100	ND	ND	ND ND	ND
1,2,3,6,7,8-hexa CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF		PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF		PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF			0.010	ND	ND	ND ND	ND ND
octa CDF		PG/L	0.001	ND	ND	ND	ND
				INFLUENT	INFLUENT TCDD 05-OCT-2010	EFFLUENT	EFFLUENT TCDD 05-OCT-2010
Analytes	MDL	Units	Equiv.	INFLUENT 05-OCT-2010 P533616		EFFLUENT 05-0CT-2010 P533621	
Analytes			Equiv. = =====	05-0CT-2010 P533616	TCDD 05-OCT-2010 P533616	05-0CT-2010	TCDD 05-0CT-2010 P533621
	===		•	05-0CT-2010 P533616	TCDD 05-OCT-2010 P533616	05-0CT-2010 P533621	TCDD 05-0CT-2010 P533621
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD	=== 125 123	PG/L PG/L	1.000 0.500	05-0CT-2010 P533616 	TCDD 05-0CT-2010 P533616 ND ND	05-0CT-2010 P533621 ND ND	TCDD 05-OCT-2010 P533621 ====== ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD	=== 125 123 113	====== PG/L PG/L PG/L	1.000 0.500 0.100	05-0CT-2010 P533616 	TCDD 05-OCT-2010 P533616 ND ND ND	05-OCT-2010 P533621 ND ND ND	TCDD 05-OCT-2010 P533621 ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8_hexa_CDD	=== 125 123 113 98	====== PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	05-0CT-2010 P533616 	TCDD 05-OCT-2010 P533616 ND ND ND ND	05-OCT-2010 P533621 ND ND ND ND	TCDD 05-OCT-2010 P533621 ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD	=== 125 123 113 98 111	PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100	05-0CT-2010 P533616 	TCDD 05-OCT-2010 P533616 ND ND ND ND ND ND	05-OCT-2010 P533621 ND ND ND ND ND ND	TCDD 05-OCT-2010 P533621 ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD	=== 125 123 113 98 111 137	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100	05-0CT-2010 P533616 	TCDD 05-OCT-2010 P533616 	05-OCT-2010 P533621 ND ND ND ND ND ND ND	TCDD 05-OCT-2010 P533621 ND ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD	=== 125 123 113 98 111 137 247	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010	05-0CT-2010 P533616 ==================================	TCDD 05-OCT-2010 P533616 	05-OCT-2010 P533621 ======== ND ND ND ND ND ND ND ND	TCDD 05-OCT-2010 P533621 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF	=== 125 123 113 98 111 137 247 115	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001	05-0CT-2010 P533616 	TCDD 05-OCT-2010 P533616 	05-OCT-2010 P533621 ========= ND ND ND ND ND ND ND ND ND	TCDD 05-OCT-2010 P533621 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.100 0.050	05-0CT-2010 P533616 	TCDD 05-OCT-2010 P533616 	05-0CT-2010 P533621 ========= ND ND ND ND ND ND ND ND ND	TCDD 05-OCT-2010 P533621 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140 118	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.100 0.050	05-0CT-2010 P533616 P533616 ND	TCDD 05-OCT-2010 P533616 	05-0CT-2010 P533621 	TCDD 05-OCT-2010 P533621 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140 118 147	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.050 0.050 0.100	05-0CT-2010 P533616 P533616 ND	TCDD 05-OCT-2010 P533616 ND	05-0CT-2010 P533621 ND	TCDD 05-OCT-2010 P533621 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100	05-0CT-2010 P533616 P533616 ND	TCDD 05-OCT-2010 P533616 ND	05-0CT-2010 P533621 ND	TCDD 05-OCT-2010 P533621 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100	05-0CT-2010 P533616 P533616 ND	TCDD 05-OCT-2010 P533616	05-0CT-2010 P533621 ND	TCDD 05-OCT-2010 P533621
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,4,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF 2,3,4,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100	05-OCT-2010 P533616 P533616 ND	TCDD 05-OCT-2010 P533616	05-0CT-2010 P533621 ND	TCDD 05-OCT-2010 P533621
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,4,6,7,8-hexa CDF 1,2,3,4,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148 90	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.011 0.001 0.050 0.050 0.100 0.100 0.100 0.100	05-OCT-2010 P533616 P533616 ND	TCDD 05-OCT-2010 P533616	05-0CT-2010 P533621 ND	TCDD 05-OCT-2010 P533621
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,4,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF 2,3,4,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148 90 166	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100	05-OCT-2010 P533616 P533616 ND	TCDD 05-OCT-2010 P533616	05-0CT-2010 P533621 ND	TCDD 05-OCT-2010 P533621

Above are permit required CDD/CDF isomers. $\ensuremath{\mathsf{ND=}}$ not detected

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				COMB EFF	COMB EFF TCDD	PRIMARY EFF	PRIMARY EFF TCDD
				02-FEB-2010	02-FEB-2010	02-FEB-2010	02-FEB-2010
Analytes		Units	Equiv.	P504517	P504517	P504522	P504522
2,3,7,8-tetra CDD		PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND
				COMB EFF 04-MAY-2010	COMB EFF TCDD 04-MAY-2010	PRIMARY EFF 04-MAY-2010	PRIMARY EFF TCDD 04-MAY-2010
Analytes		Units	Equiv.	04-MAY-2010 P515511	TCDD 04-MAY-2010 P515511	04-MAY-2010 P515516	TCDD 04-MAY-2010 P515516
	===			04-MAY-2010	TCDD 04-MAY-2010 P515511	04-MAY-2010 P515516	TCDD 04-MAY-2010 P515516
•	=== 125		=====	04-MAY-2010 P515511	TCDD 04-MAY-2010 P515511	04-MAY-2010 P515516	TCDD 04-MAY-2010 P515516
2,3,7,8-tetra CDD	=== 125 123	PG/L	1.000	04-MAY-2010 P515511 ===============================	TCDD 04-MAY-2010 P515511 	04-MAY-2010 P515516 ======	TCDD 04-MAY-2010 P515516 ======
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD	=== 125 123	PG/L PG/L	1.000 0.500	04-MAY-2010 P515511 ========== ND ND	TCDD 04-MAY-2010 P515511 ND ND	04-MAY-2010 P515516 ND ND	TCDD 04-MAY-2010 P515516 ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD	125 123 113 98 111	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100	04-MAY-2010 P515511 	TCDD 04-MAY-2010 P515511 ND ND ND	04-MAY-2010 P515516 ND ND ND	TCDD 04-MAY-2010 P515516 ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD	125 123 113 98 111	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	04-MAY-2010 P515511 	TCDD 04-MAY-2010 P515511 ND ND ND ND ND	04-MAY-2010 P515516 ND ND ND ND ND	TCDD 04-MAY-2010 P515516 ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD	=== 125 123 113 98 111 137	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	04-MAY-2010 P515511 	TCDD 04-MAY-2010 P515511 	04-MAY-2010 P515516 ND ND ND ND ND ND	TCDD 04-MAY-2010 P515516 ND ND ND ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD	=== 125 123 113 98 111 137 247	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010	04-MAY-2010 P515511 ===============================	TCDD 04-MAY-2010 P515511 	04-MAY-2010 P515516 ND ND ND ND ND ND ND	TCDD 04-MAY-2010 P515516 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD	=== 125 123 113 98 111 137 247 115	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010	04-MAY-2010 P515511 ===============================	TCDD 04-MAY-2010 P515511 	04-MAY-2010 P515516 ND ND ND ND ND ND ND ND	TCDD 04-MAY-2010 P515516 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF	=== 125 123 113 98 111 137 247 115 140	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.100	04-MAY-2010 P515511 	TCDD 04-MAY-2010 P515511 	04-MAY-2010 P515516 	TCDD 04-MAY-2010 P515516 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140 118 147	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.001 0.050 0.050 0.100	04-MAY-2010 P515511 PD ND	TCDD 04-MAY-2010 P515511	04-MAY-2010 P515516 ND	TCDD 04-MAY-2010 P515516
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.001 0.050 0.050 0.100 0.100	04-MAY-2010 P515511 P515511 ND	TCDD 04-MAY-2010 P515511	04-MAY-2010 P515516 ND	TCDD 04-MAY-2010 P515516
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,4,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100	04-MAY-2010 P515511 P515511 ND	TCDD 04-MAY-2010 P515511	04-MAY-2010 P515516 ND	TCDD 04-MAY-2010 P515516
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,4,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF 1,2,3,7,8,9-hexa CDF 1,2,3,7,8,9-hexa CDF 2,3,4,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100	04-MAY-2010 P515511 P515511 ND	TCDD 04-MAY-2010 P515511	04-MAY-2010 P515516 ND	TCDD 04-MAY-2010 P515516
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 1,2,3,4,6,7,8-hepta CDD 2,3,7,8-tetra CDF 1,2,3,4,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF 1,2,3,4,6,7,8-hexa CDF 1,2,3,4,6,7,8-hexa CDF 1,2,3,4,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148 90	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100 0.100	04-MAY-2010 P515511 P515511 ND	TCDD 04-MAY-2010 P515511	04-MAY-2010 P515516 P515516 ND	TCDD 04-MAY-2010 P515516
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,4,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF 1,2,3,7,8,9-hexa CDF 1,2,3,7,8,9-hexa CDF 2,3,4,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148 90 166	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100	04-MAY-2010 P515511 P515511 ND	TCDD 04-MAY-2010 P515511	04-MAY-2010 P515516 ND	TCDD 04-MAY-2010 P515516

Above are permit required CDD/CDF isomers. $\ensuremath{\mathsf{ND}}\xspace=$ not detected

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				COMB EFF	COMB EFF TCDD	PRIMARY EFF	PRIMARY EFF TCDD
Analytes		Units	Equiv.	03-AUG-2010 P525077	03-AUG-2010 P525077	02-AUG-2010 P525082	02-AUG-2010 P525082
				=======================================			
2,3,7,8-tetra CDD		PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD		PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD		PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD		PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD			0.010	ND	ND	ND	ND
octa CDD		PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF		PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF		PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF		PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF		PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF			0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND
				COMB EFF	COMB EFF TCDD	PRIMARY EFF	PRIMARY EFF TCDD
				COMB EFF 05-OCT-2010		PRIMARY EFF 05-OCT-2010	
Analytes		Units	Equiv.	05-0CT-2010 P533626	TCDD 05-0CT-2010 P533626	05-0CT-2010 P533631	TCDD 05-0CT-2010 P533631
-======================================	===		= =====	05-0CT-2010 P533626	TCDD 05-0CT-2010 P533626	05-0CT-2010 P533631	TCDD 05-0CT-2010 P533631
2,3,7,8-tetra CDD	=== 125	PG/L	1.000	05-0CT-2010 P533626 ==================================	TCDD 05-0CT-2010 P533626 	05-0CT-2010 P533631 ======	TCDD 05-OCT-2010 P533631 ======
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD	=== 125 123	PG/L PG/L	1.000 0.500	05-0CT-2010 P533626 ============ ND ND	TCDD 05-0CT-2010 P533626 ND ND	05-0CT-2010 P533631 ND ND	TCDD 05-0CT-2010 P533631 ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD	=== 125 123	PG/L	1.000	05-0CT-2010 P533626 ==================================	TCDD 05-0CT-2010 P533626 	05-0CT-2010 P533631 ======	TCDD 05-OCT-2010 P533631 ======
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD	125 123 113 98	PG/L PG/L PG/L PG/L	1.000 0.500 0.100	05-0CT-2010 P533626 ==================================	TCDD 05-OCT-2010 P533626 ND ND ND	05-0CT-2010 P533631 ND ND ND	TCDD 05-OCT-2010 P533631 ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD	=== 125 123 113 98 111	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100	05-0CT-2010 P533626 ==================================	TCDD 05-OCT-2010 P533626 ND ND ND ND	05-OCT-2010 P533631 ND ND ND ND ND	TCDD 05-OCT-2010 P533631 ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD	=== 125 123 113 98 111 137	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	05-0CT-2010 P533626 ==================================	TCDD 05-OCT-2010 P533626 ND ND ND ND ND ND	05-OCT-2010 P533631 ND ND ND ND ND ND	TCDD 05-OCT-2010 P533631 ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD	=== 125 123 113 98 111 137 247	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010	05-OCT-2010 P533626 ==================================	TCDD 05-OCT-2010 P533626 ND ND ND ND ND ND ND ND	05-OCT-2010 P533631 	TCDD 05-OCT-2010 P533631 ND ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF	=== 125 123 113 98 111 137 247 115	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.001	05-OCT-2010 P533626 ==================================	TCDD 05-OCT-2010 P533626 ND ND ND ND ND ND ND ND	05-OCT-2010 P533631 	TCDD 05-OCT-2010 P533631 ND ND ND ND ND ND ND ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.100	05-OCT-2010 P533626 ==================================	TCDD 05-OCT-2010 P533626 ND ND ND ND ND ND ND ND	05-OCT-2010 P533631 	TCDD 05-OCT-2010 P533631 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 2,3,7,8-penta CDF 2,3,4,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140 118	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.010 0.001 0.000	05-OCT-2010 P533626 ==================================	TCDD 05-OCT-2010 P533626 	05-0CT-2010 P533631 ========= ND ND ND ND ND ND ND ND ND	TCDD 05-0CT-2010 P533631 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD octa CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140 118 147	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.010 0.001 0.050	05-0CT-2010 P533626 P533626 ND ND ND ND ND ND ND ND ND ND	TCDD 05-OCT-2010 P533626 ND	05-OCT-2010 P533631 ==================================	TCDD 05-0CT-2010 P533631 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-penta CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.050 0.050 0.100	05-0CT-2010 P533626 P533626 ND	TCDD 05-OCT-2010 P533626 ND	05-OCT-2010 P533631 ND	TCDD 05-0CT-2010 P533631 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,6,7,8-hexa CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.010 0.050 0.050 0.100	05-0CT-2010 P533626 P533626 ND	TCDD 05-OCT-2010 P533626 ND	05-0CT-2010 P533631 ND	TCDD 05-0CT-2010 P533631 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,7,8,9-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,7,8-penta CDF 2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.010 0.050 0.050 0.100 0.100	05-0CT-2010 P533626 P533626 ND	TCDD 05-OCT-2010 P533626 ND	05-0CT-2010 P533631 ND	TCDD 05-0CT-2010 P533631 ND
2,3,7,8-tetra CDD 1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD 1,2,3,4,6,7,8-hexa CDD 1,2,3,4,6,7,8-hepta CDD 0cta CDD 2,3,7,8-tetra CDF 1,2,3,7,8-penta CDF 1,2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,4,7,8-hexa CDF 1,2,3,4,6,7,8-hexa CDF	=== 125 123 113 98 111 137 247 115 140 118 147 107 152 148 90	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100	05-0CT-2010 P533626 P533626 ND	TCDD 05-OCT-2010 P533626 ND	05-0CT-2010 P533631 ND	TCDD 05-0CT-2010 P533631 ND

Above are permit required CDD/CDF isomers. $\ensuremath{\mathsf{ND}}\xspace = \mathsf{not}$ detected

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				SEC EFF 02-FEB-2010	SEC EFF TCDD 02-FEB-2010	SEC EFF 04-MAY-2010	SEC EFF TCDD 04-MAY-2010
Analytes		Units	Equiv.	P504527	P504527	P515521	P515521
======================================		PG/L	1.000	ND	: ======== ND	: ========= ND	ND
		PG/L PG/L	0.500	ND ND	ND ND	ND ND	ND ND
1,2,3,7,8-penta CDD 1,2,3,4,7,8_hexa_CDD		PG/L	0.100	ND ND	ND ND	ND ND	ND ND
1,2,3,6,7,8-hexa_CDD	98	PG/L	0.100	ND ND	ND ND	ND ND	ND ND
1,2,3,7,8,9-hexa CDD		PG/L	0.100	ND ND	ND ND	ND ND	ND ND
1,2,3,4,6,7,8-hepta CDD			0.010	ND ND	ND ND	ND ND	ND ND
octa CDD		PG/L	0.001	ND ND	ND ND	ND ND	ND ND
2,3,7,8-tetra CDF		PG/L	0.100	ND	ND ND	ND	ND ND
1,2,3,7,8-penta CDF		PG/L	0.050	ND	ND	ND ND	ND ND
2,3,4,7,8-penta CDF		PG/L	0.050	ND	ND	ND	ND ND
1,2,3,4,7,8-hexa CDF		PG/L	0.100	ND	ND	ND	ND ND
1,2,3,6,7,8-hexa CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF		PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF		PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF			0.010	ND	ND	ND	ND
octa CDF		PG/L	0.001	ND	ND	ND	ND
				SEC EFF	SEC EFF TCDD	SEC EFF	SEC EFF TCDD
Analytos	WDI	Units	Equiv	02-AUG-2010 P525087	02-AUG-2010 P525087	05-0CT-2010 P533636	05-0CT-2010 P533636
Analytes =========		=======	Equiv.				
2,3,7,8-tetra CDD		PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF		PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF							
	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	148 90	PG/L PG/L	0.100 0.010	ND	ND	ND	ND
	148 90 166	PG/L PG/L	0.100				

Above are permit required CDD/CDF isomers. $\ensuremath{\mathsf{ND}}\xspace=$ not detected

